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PRINCIPAL CAUSES OF DEATH IN THE UNITED STATES REGISTRATION AREA, 1920.¹

Census Bureau's Summary of Mortality Statistics.

The Department of Commerce announces that the Census Bureau's annual report on mortality statistics, which will be issued shortly, shows 1,142,558 deaths as having occurred in 1920 within the death registration area of continental United States, representing a death rate of 13.1 per 1,000 population as compared with 12.9 in 1919, which was the lowest rate recorded in any year since the registration area was established in 1900.

The death registration area (exclusive of the Territory of Hawaii) in 1920 comprised 34 States, the District of Columbia, and 16 registration cities in nonregistration States, with a total estimated population on July 1 of 87,486,713, or 82.2 per cent of the estimated population of the United States. The State of Nebraska was added to the registration area in 1920, so that at present the only States not in the area are Alabama, Arizona, Arkansas, Georgia, Idaho, Iowa, Nevada, New Mexico, North Dakota, Oklahoma, South Dakota, Texas, West Virginia, and Wyoming. The figures for the Territory of Hawaii will appear in the report, but they are not included in this summary.

The death rate from pneumonia increased from 123.5 per 100,000 in 1919 to 137.3 in 1920. For chronic diseases of the heart, the rate increased from 131 to 141.9; for cancer, from 80.5 to 83. Some of the other diseases for which the rate increased are whooping cough, measles, cerebral hemorrhage, congenital debility and malformations, puerperal fever, scarlet fever, and appendicitis. The fatalities caused by automobile accidents and injuries show an increase from 9.4 per 100,000 in 1919 to 10.4 in 1920.

¹ Similar summaries for the years 1917, 1918, and 1919 were published in Public Health Reports for July 4, 1919, pp. 1474-1478; Feb. 13, 1920, pp. 345-349; and Nov. 19, 1920, pp. 2786-2787, respectively.

A marked decrease is shown in the death rate from tuberculosis, which was 114.2 in 1920 as compared with 125.6 in 1919; also in the death rate from influenza, 71 in 1920 as against 98.8 the year before. The death rate from suicide declined from 11.4 in 1919 to 10.2 in 1920. There was a decline also in the rate for typhoid fever and in that for accidental drowning.

The total number of deaths and the death rate, by leading causes, together with the percentage which each cause contributed to the total, in the death registration area in continental United States: 1919 and 1920.

Cause of death.	Number of deaths.		Rate per 100,000 population.		Per cent of total.	
	1919	1920 ¹	1919	1920	1919	1920
All causes ²	1,096,436	1,142,558	1,287.4	1,305.0	100.0	100.0
Organic diseases of the heart.....	111,579	121,143	131.0	141.9	10.2	10.9
Pneumonia (all forms).....	105,213	120,108	123.5	137.3	9.6	10.5
Tuberculosis (all forms).....	106,985	99,916	125.6	114.2	9.8	8.7
Tuberculosis of the lungs ³	94,772	88,195	111.3	100.8	8.6	7.7
Tuberculous meningitis.....	5,175	4,895	6.1	5.6	.5	.4
Other forms of tuberculosis.....	7,038	6,826	8.3	7.8	.6	.6
Acute nephritis and Bright's disease.....	73,005	78,192	88.1	89.4	6.8	6.8
Cancer and other malignant tumors.....	68,551	72,931	80.5	83.4	6.3	6.4
Cerebral hemorrhage (apoplexy).....	65,951	70,780	77.4	80.9	6.0	6.2
External causes (suicide and homicide excepted).....	61,268	62,492	71.9	71.4	5.6	5.5
Accidental falls.....	9,629	10,323	11.3	11.8	.9	.9
Automobile accidents and injuries.....	7,968	9,103	9.4	10.4	.7	.8
Burns (conflagration excepted).....	6,409	6,615	7.5	7.6	.6	.6
Railroad accidents and injuries.....	6,301	6,426	7.4	7.3	.6	.6
Accidental drowning.....	5,854	4,977	6.9	5.7	.5	.4
Accidental absorption of deleterious gases (conflagration excepted).....	2,884	3,012	3.4	3.4	.3	.3
Accidental shooting.....	2,350	2,262	2.8	2.6	.2	.2
Mine accidents and injuries.....	2,179	2,171	2.6	2.5	.2	.2
Machinery accidents and injuries.....	2,082	2,153	2.4	2.5	.2	.2
Street car accidents and injuries.....	1,916	1,746	2.2	2.0	.2	.2
Injuries by vehicles, other than railroad cars, street cars, and automobiles.....	1,970	1,698	2.3	1.9	.2	.1
Effects of heat, other than burns.....	536	270	.6	.3	(*)	(*)
Other external causes.....	11,187	11,706	13.1	13.4	1.0	1.0
Influenza.....	84,113	62,097	98.8	71.0	7.7	5.4
Congenital debility and malformations.....	56,714	61,080	66.6	69.8	5.2	5.3
Diarrhea and enteritis (total).....	47,044	47,605	55.2	54.4	4.3	4.2
Diarrhea and enteritis (under 2 years).....	37,635	38,514	44.2	44.0	3.4	3.4
Diarrhea and enteritis (over 2 years).....	9,409	9,091	11.0	10.4	.9	.8
Arterial diseases, atheroma, aneurism, etc.....	18,976	19,977	22.3	22.8	1.7	1.7
Diabetes.....	12,683	14,062	14.9	16.1	1.2	1.2
Diphtheria and croup.....	12,551	13,305	14.7	15.3	1.1	1.2
Appendicitis and typhlitis.....	10,029	11,702	11.8	13.4	.9	1.0
Bronchitis.....	10,913	11,609	12.8	13.3	1.0	1.0
Puerperal affections, other than puerperal septicemia.....	9,538	10,976	11.2	12.5	.9	1.0
Whooping cough.....	4,714	10,968	5.5	12.5	.4	1.0
Respiratory diseases, other than pneumonia and bronchitis.....	8,865	10,120	10.4	11.6	.8	.9
Hernia and intestinal obstruction.....	8,853	9,314	10.4	10.6	.8	.8
Suicide (total).....	9,732	8,359	11.4	10.2	.9	.8
By firearms.....	3,302	3,169	3.9	3.6	.3	.3
By hanging or strangulation.....	1,726	1,616	2.0	1.8	.2	.1
By poison.....	1,546	1,417	1.8	1.6	.1	.1
By asphyxia.....	1,275	1,124	1.5	1.3	.1	.1
By cutting or piercing instruments.....	695	640	.8	.7	.1	.1

¹ The State of Nebraska, with an estimated midyear population of 1,301,737, was admitted to the registration area in 1920.

² Exclusive of stillbirths.

³ Includes acute miliary tuberculosis.

⁴ Less than one-tenth of 1 per cent.

November 4, 1921.

The total number of deaths and the death rate, by leading causes, together with the percentage which each cause contributed to the total, in the death registration area in continental United States: 1919 and 1920—Continued.

Cause of death.	Number of deaths.		Rate per 100,000 population.		Per cent of total.	
	1919	1920	1919	1920	1919	1920
Suicide—Continued.						
By drowning.....	684	555	0.8	0.1	0.6	(4)
By jumping from high places.....	289	247	.3	.3	(4)	(4)
By crushing.....	100	97	.1	.1	(4)	(4)
Other suicides.....	115	94	.1	.1	(4)	(4)
Syphilis.....	7,347	7,969	8.6	9.1	.7	0.7
Measles.....	3,236	7,712	3.9	8.8	.3	.7
Angina pectoris.....	6,538	7,571	7.7	8.6	.6	.7
Acute endocarditis.....	5,055	6,861	7.0	7.8	.5	.6
Typhoid fever.....	7,860	6,805	9.2	7.8	.7	.6
Cirrhosis of the liver.....	6,704	6,211	7.9	7.1	.6	.5
Homicide (total).....	6,386	6,205	7.5	7.1	.6	.5
By firearms.....	4,567	4,477	5.4	5.1	.4	.4
By cutting or piercing instruments.....	687	615	.8	.7	.1	.1
By other means.....	1,132	1,083	1.3	1.2	.1	.1
Paralysis without specified cause.....	6,146	5,828	7.2	6.7	.6	.5
Puerperal septicemia.....	4,950	5,800	5.8	6.6	.5	.5
Meningitis.....	5,503	5,281	6.5	6.0	.5	.5
General paralysis of the insane.....	4,823	5,030	5.7	5.7	.4	.4
Anemia, chlorosis.....	4,119	4,787	4.9	5.5	.4	.4
Rheumatism.....	3,907	4,287	4.6	4.9	.4	.4
Scarlet fever.....	2,383	4,001	2.8	4.6	.2	.4
Dysentery.....	3,732	3,574	4.4	4.1	.3	.3
Malaria.....	3,275	3,136	3.8	3.6	.3	.3
Erysipelas.....	2,186	2,721	2.6	3.1	.2	.2
Pellagra.....	2,806	2,322	3.3	2.7	.3	.2
Smallpox.....	358	508	.4	.6	(4)	(4)
All other defined causes.....	103,247	109,985	121.2	125.7	9.4	9.6
Unknown and ill-defined causes.....	15,603	15,505	18.3	17.7	1.4	1.4

* Less than one-tenth of 1 per cent.

FOOT DEFECTIVENESS IN SCHOOL CHILDREN.

A PRELIMINARY REPORT ON THE RESULTS OF THE EXAMINATION OF 356 SCHOOL CHILDREN IN NEW YORK CITY.

By MAURICE J. LEWI, M. D., President, The First Institute of Podiatry, of New York City.²

Through the cooperation of Dr. A. K. Aldinger, head of the division of physical training, New York City Department of Education, and Dr. Josephine A. Baker, chief of the division of hygiene, New York City Board of Health, arrangements were made for the examination of the feet of the pupils of one of the public schools in New York City.

The pupils examined ranged from the grammar school grade to the grade of teacher's training classes.

² The examinations were conducted by the clinic staff of The First Institute of Podiatry of New York City, under the direction of Otto F. Schuster, chief of the orthopedic department of the Foot Clinics of New York City. The following orthopedic surgeons served as consultants: Arthur H. Cilley; Herbert A. Dunham; Sigmund Epstein.

Each pupil was examined on the basis of the following queries, which appeared on the record cards:

No. — Date — Name — — — Address — — —
Male } — Age — — Race — — — School — — — Grade — — —
Female }

Does subject complain of pain in feet? — — —

Does subject complain of pain in legs or back? — — —

Is subject disinclined to walk or to do gymnastics? — — —

Mode of walking.	Fit of shoe.	Style of shoe.	Socks.	Excrescences and abnormal nails.	Weaknesses and deformities.
Toes in.....	Too short.....	Pointed.....	Too short.....		
Toes out.....	Too long.....	Semi-pointed.....	Too long.....		
Correct.....	Too narrow.....	Orthopedic.....	Correct.....		
	Too wide.....	High heel.....			
	Correct.....				

Examiner..... Examiner.....

General carriage.	Recommendations.
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.....
.....
	M. D.

The following data were collected:

Foot defects in 356 school children in New York City.

	Model school.				New York Training School for Teachers.	
	Boys.		Girls.			
	Number.	Per cent.	Number.	Per cent.		
Total examined.....	72		125		159	
Toes in.....	15	21	2	2	1	
Toes out.....	23	32	51	41	64	
Faulty shoes.....	46	64	109	87	119	
Faulty socks.....	20	28	36	29	61	
Excrescences.....	28	39	32	26	116	
In-growing nails.....	7	10	21	17	30	
Weak foot.....	34	47	92	74	136	
Flat foot.....	4	6	16	13	10	
Deformed toes.....	5	7	8	6	5	
Carriage:						
Excellent.....	0	0	7	6	0	
Good.....	48	67	61	49	23	
Fair.....	19	26	34	27	33	
Poor.....	5	7	23	18	53	
Special notes.....					4	
Not observed.....					46	

This is probably the first comprehensive and scientific collation of facts regarding foot defectiveness in a large group of pupils that has ever been made. Persons interested in this branch of medical practice have frequently hazarded a guess as to the percentage of

November 4, 1921.

foot defectives among children of school age, but the figures and facts here presented as the result of this census show that they have undershot the mark by a wide margin. Most of the deviations from normal are of a character which will admit of correction and cure, if properly treated; whereas if neglected, they will tend to cripple and to impair the efficiency of those affected. Parents, school boards, and health boards should cooperate so that all growing children may be afforded opportunity to be similarly examined with a view to the discovery of any existing or threatening foot defects, in order that exercises and treatment may be prescribed that will tend to make them foot-sound.

AN OCCUPATIONAL DERMATOCONIOSIS AMONG ZINC OXIDE WORKERS.

By JOHN A. TURNER, Passed Assistant Surgeon (R), United States Public Health Service.

The rapid advancement in industrial medicine during the past few years has brought a decided increase to our knowledge of the various types of occupational skin affections. As to the prevalence of skin affections in trades, Knowles says that "Almost one-sixth of all skin cases are due to the occupations of the individual. Practically every occupation and every irritant can produce an eczema."³

During a recent investigation, in a zinc oxide manufacturing plant, of the effects of inhaling zinc oxide dust, the writer's attention was directed to the frequent occurrence of a troublesome skin disease affecting the employees who are exposed to this dust. Available literature on this disease gives very meager information. Kober and Hanson⁴ mention the existence of a dermatitis among oxide workers, but do not describe it.

The workers in the plant visited call the disease "oxide pox." No explanation was obtainable as to the origin of the name, but it is presumed that the similarity in appearance of the disease to the smallpox eruption might account for it.

OCCURRENCE.

Of the 17 men examined, who are exposed to the oxide dust, 14 gave a history of having, or having had, attacks of "oxide pox." Of the 7 men employed in the bagroom department, 5 gave a positive and 2 a negative history; and of the 10 men working in the packing department, 9 gave a positive and 1 a negative history. Of the entire group, 8 were suffering from the affection at the time of investigation.

* R. Prosser White, citing Knowles, Brit. Jour. Derm., 1913, Vol. XXV, p. 275 (Abst.).

⁴ Kober and Hanson, Diseases of Occupation and Vocational Hygiene (1916), p. 503.

The following table shows the departments and the number of men in each occupational group who have and have not been affected by the dermatosis:

Department.	Occupation.	Positive.	Negative.
Bagroom department.....	Shakers.....	5	1
	Truckers.....	0	1
Packing department.....	Packers.....	6	1
	Tailors.....	2	0
Total.....	General repairmen.....	1	0
		14	3

As to the length of the time of employment of these men in the trade: 2 had worked less than 1 year; 3 from 1 to 4 years; and 12 had worked in the plant 10 years or over. It would seem, therefore, that the length of time of employment does not appear to play any part in the occurrence of the disease.

ETIOLOGY.

"Oxide pox" is primarily due to a clogging of the sebaceous glands with zinc oxide, and secondly to infection. The dermatosis is characterized by a papular-pustular eruption, which, in the cases observed, appeared in the pubic region, on the scrotum and inner surface of the thigh, and, occasionally, in the axilla and on the inner surfaces of the arms. The bodies and clothing of the men exposed are continuously covered with the oxide dust during the work period. Thus, wherever two surfaces of the body rub together, the oxide powder, the body débris, and bacteria normally present on the skin are rubbed into the glands. This action is greatly facilitated by free perspiration. The plugging of these skin glands produces an ideal incubator for the bacteria.

THE ERUPTION.

The eruption appears first as a small, red, projecting papule, 2 to 3 millimeters in diameter, with a white central plug. Upon palpation the papule has a hard, shotlike feeling, similar to that of the smallpox papule. There is an areola of inflammation surrounding the base of the papule. The skin between the papules may or may not be inflamed and swollen. On the second or third day of the disease, the central portion of the papule begins to soften and develops into a pustule. Usually the pustules are but slightly larger than the papules, but occasionally they become as large as a cherry. All the papules do not progress to the pustular stage; some dry up and disappear. Before the pustular stage occurs, the contents of the papules are very difficult to squeeze out. The contents are white in appearance and are composed chiefly of zinc oxide.

There is an intense itching, which in most instances causes the patient to scratch off the tops, or to squeeze out the contents. This action relieves the itching. In 10 of the cases the skin of the affected parts was dry, and in 4 cases it was moist, somewhat similar to weeping eczema. The damage resulting from the scratching aggravates the condition and prolongs the period of healing. The eruption usually persists for a week or 10 days, gradually subsiding and drying up. This condition is followed by a slow but marked exfoliation of the epidermis. In 13 of the cases the pubic region, scrotum, and inner surfaces of the thigh were affected. In 4 cases the axilla and inner surfaces of the arms were also involved.

The disease is most prevalent during the summer months and is augmented by free sweating. Six of the men examined claimed that they were affected regardless of the season, but that it was more troublesome during the summer months. No time from work was lost on account of the disease, although it caused considerable discomfort.

The symptoms that were observed were entirely of a local character; and this apparent absence of systemic disturbances was borne out by the histories obtained from the men themselves.

BACTERIOLOGY.

The bacteriological observations were made by Dr. H. P. Bachelor, chief surgeon of the Palmerton Hospital, and are as follows:

"The observations were made during the acute stage of the eruption. The smears show considerable numbers of pus cells, a few red blood cells, and mononuclear leucocytes. Only occasionally did we see cocci in the smears, but *Staphylococcus aureus* was demonstrated in over 90 per cent of the observations, the culture being made on blood agar slants. Every precaution was taken to avoid contamination of the overlying skin. The field was cleansed by the usual alcohol, ether, and tincture of iodine method. The pustules were opened with a sterilized knife. A platinum loop was inserted well into the base of the lesion.

"After the usual cleansing of the lesion and the surrounding area, the characteristic white appearance of the eruption was lost, leaving a small infected and infiltrated area. A microscopic section showed an area of central necrosis with infiltration of leucocytes about it. There was a slight infection of the neighboring vessels and an absence of giant cells."

PROCESS OF MANUFACTURE IN PLANT STUDIED.

Zinc oxide (ZnO) is made, in the plant investigated, by roasting in a furnace zinc ore or spelter mixed with fine anthracite coal. The fumes evolved are collected in a drum located above the furnace and thence conveyed by means of a pipe to the bag room. This pipe enters the bag room near the ceiling, where it branches into a number

of horizontal feed pipes. To these feed pipes are attached many long perpendicular muslin bags, spaced approximately 3 feet apart. These bags, approximately 30 to 40 feet long, extend to within 10 or 12 feet of the floor, and to the floor end of each is fastened a canvas collecting bag. Two occupational groups are employed in the bag room, namely, shakers and truckers. The shakers are required to go aloft several times daily to the various levels of the room in order to shake the muslin bags, and thus free the meshes of the muslin from the oxide, allowing the hot air and gases, if any be present, to escape. A considerable quantity of zinc oxide escapes through the meshes; therefore the atmosphere of the room constantly contains considerable quantities of the dust. The truckers remove the filled canvas bags and convey them by trucks to the packing department. The men work 9 hours per day in the bag room department. They wear ordinary work clothing and take no precautions whatever to protect themselves from the dust.

In the packing department there are three occupational groups, namely, packers, tailors, and repairmen. The packers place the oxide in a large bolter, where it is screened and then packed into paper bags and made ready for storage or shipment; the tailors are employed to make new muslin and canvas bags and to repair the old ones; and the repairmen are employed to repair all machinery in the bag and packing departments. All these employees are exposed to large quantities of oxide dust for 9 hours per day, their clothes and bodies being covered with it.

PROPERTIES OF ZINC OXIDE.

The United States Dispensatory⁵ describes zinc oxide as "a very fine amorphous white or yellowish-white powder, free from gritty particles, without odor or taste. It gradually absorbs carbon dioxide from the air. It is insoluble in water or alcohol, but is soluble in dilute acids, ammonia water, and ammonia carbonate solution."

When freshly made, zinc oxide is very dry; samples taken from the collecting bags, upon analysis⁶ showed an average moisture content of 0.1426 per cent as compared with 0.3165 per cent in the samples taken from the packing and storage rooms. Thus the moisture content of oxide that has been exposed to the air is increased 122 per cent.

A chemical analysis of zinc oxide shows that the total amount of adulterating substance is very small, being but 0.801 per cent. The table following shows the kind and percentage of adulterants:

⁵ The Dispensatory of the United States, edition of 1910, p. 1211.

⁶ Analysis made by the New Jersey Zinc Co., Palmerton, Pa.

November 4, 1921.

Analysis of zinc oxide.⁷

	Per cent.
Insoluble substances.....	0.026
Water (H_2O) at 110° C.....	.244
Carbon dioxide (CO_2).....	.038
Total sulphur (S) as (SO_2).....	.240
Chlorine (Cl).....	.036
Lead oxide (PbO).....	.96
Cadmium oxide (CdO).....	.23
Bismuth trioxide (Bi_2O_3).....	Absent.
Copper oxide (CuO).....	Absent.
Iron (Fe_2O_3).....	.017
Manganese oxide (MnO).....	.006
Arsenic (As_2O_3).....	.53
Antimony (Sb_2O_3).....	.022
Zinc oxide (ZnO).....	99.199

According to the United States Dispensatory, "zinc oxide is used as an antispasmodic in chorea, epilepsy, and in whooping cough. It is probably of little value as a systemic remedy. It is sometimes employed for its astringent and its sedative properties in diarrhea. It is nontoxic, protective, mildly astringent, and probably antiseptic."

The most common present day medical use to which the oxide is put, is in the form of salves and pastes. Industrially it is used in the manufacture of paint.

CONCLUSIONS.

The following conclusions are drawn from this study:

1. Zinc oxide is considered a nontoxic substance, and from the chemical analysis it is evident that the adulterating substances are in insufficient amount to be harmful. It is a nonpoisonous material, but is capable of acting as a mechanical conveyor of bacteria.
2. The workers in the bag room and packing departments are exposed during the work period to considerable amounts of zinc oxide dust, which covers the body and clothing, and no precautions are taken by the workers to protect themselves.
3. The zinc oxide, body débris, and bacteria are forced into the sebaceous glands, distending them. This action is aided by free perspiration, and the rubbing together of two body surfaces. It is probable that the presence of the foreign substances, acting as a mechanical block to the outlet of the glands, and the increased tension due to the retained secretion, produce sufficient irritation of the gland walls to allow an invasion of the bacteria and a resulting infection.
4. The disease occurs most frequently during the summer months, and to a lesser degree during the winter months. The consensus of opinion among the workmen is that the occurrence of the disease depends entirely upon personal cleanliness, and that if they take daily baths no trouble is experienced.

⁷ Analysis made by the New Jersey Zinc Co., Palmerton, Pa.

RECOMMENDATIONS.

1. Special work clothes of a close weave of cloth, made to fit snugly at neck band, wristband, and ankles, should be worn in order to prevent the dust from coming in contact with the body.
2. The work clothes should be frequently cleaned.
3. Old muslin and collecting bags that are to be repaired should first be thoroughly cleaned.
4. Suitable washing, bathing, and change-room facilities should be provided so that the workers can bathe at the close of the work day.
5. Lack of attention to personal hygiene is a prime factor in the causes of this disease, and the workmen should be instructed in this respect.
6. The workmen should be advised to report immediately the presence of the disease as soon as it is detected.

RESOLUTION OF BOARD OF HEALTH UPHELD.

The United States Circuit Court of Appeals, Fourth Circuit, has upheld⁸ the action of a county board of health in North Carolina in prohibiting circuses and carnivals in a county during a certain period to prevent the spread of communicable diseases. The resolution of the board of health stated that the county was just recovering from a serious epidemic and that communicable diseases were prevalent elsewhere. The owner of a traveling show brought suit when a license was refused him, but the court sustained the action of the board of health. The following is quoted from the opinion:

Nothing is better settled than that in the consideration of ordinances and laws of the character in question here, every intendment is to be made in favor of the lawfulness of the exercise of municipal power, making regulations to promote the public health and safety. (*Dobbins v. Los Angeles*, 195 U. S. 223, 225, 25 Supp. Ct. 18, 49 L. Ed. 169.) It is not for the courts, in the administration of justice, to substitute their judgment for that of the legislative or municipal authority or to interfere with the lawful exercise of the power and authority granted in furtherance of the ends desired, unless those acting have plainly and manifestly exceeded their power and authority to the prejudice of those affected. This is strikingly true in considering rules and regulations coming clearly within the domain and discretion of public health authorities. * * *

DEATHS DURING WEEK ENDED OCT. 22, 1921.

Summary of information received by telegraph from industrial insurance companies for week ended Oct. 22, 1921, and corresponding week, 1920. (From the Weekly Health Index, Oct. 25, 1921, issued by the Bureau of the Census, Department of Commerce.)

	Week ended Oct. 22, 1921.	Corresponding week, 1920.
Policies in force.....	47,682,144	44,825,321
Number of death claims.....	8,302	6,677
Death claims per 1,000 policies in force.....	9.1	7.8

⁸ *Benson v. Walker et al.*, 274 Fed. 622.

November 4, 1921.

Deaths from all causes in certain large cities of the United States during the week ended Oct. 22, 1921, infant mortality, annual death rate, and comparison with corresponding week of preceding years. (From the Weekly Health Index, Oct. 25, 1921, issued by the Bureau of the Census, Department of Commerce.)

City.	Estimated population, July 1, 1921.	Week ended Oct. 22, 1921.			Average annual death rate per 1,000. ¹	Deaths under 1 year.		Infant mortality rate, week ended Oct. 22, 1921. ³
		Total deaths.	Death rate. ¹	Week ended Oct. 22, 1921.		Previous year or years. ²		
Akron, Ohio.....	229,195	31	7.1	8.1	8	4.3	77	
Albany, N. Y.....	115,071	32	14.5	C 17.4	5	C 3	112	
Atlanta, Ga.....	207,473	61	15.3	C 16.2	7	C 6		
Baltimore, Md.....	752,863	210	14.5	A 11.9	35	A 34	98	
Birmingham, Ala.....	186,133	51	14.3	A 15.5	12	A 8		
Boston, Mass.....	757,634	173	11.9	A 15.2	21	A 37	57	
Bridgeport, Conn.....	149,967	21	7.3	A 10.9	4	A 6	50	
Buffalo, N. Y.....	519,608	105	10.5	C 11.7	17	C 31	66	
Cambridge, Mass.....	110,444	24	11.3	A 13.6	1	A 5	18	
Camden, N. J.....	119,672	24	10.5		5			
Chicago, Ill.....	2,780,655	577	10.8	A 12.5	86	A 107		
Cincinnati, Ohio.....	403,418	102	13.2	C 17.0	10	C 22	66	
Cleveland, Ohio.....	831,138	159	10.0	C 10.7	28	C 31	75	
Columbus, Ohio.....	245,358	73	15.5	C 10.2	11	C 6	127	
Dallas, Tex.....	165,282	44	13.9	A 11.2	7	A 2		
Dayton, Ohio.....	158,119	39	12.9	C 7.8	4	C 2	66	
Denver, Colo.....	263,152	49	9.7	A 13.0	4			
Detroit, Mich.....	1,070,450	190	9.3	C 10.1	32	C 51	60	
Fall River, Mass.....	120,668	37	16.0	C 10.4	13	C 5	195	
Grand Rapids, Mich.....	141,197	31	12.6	C 7.9	3	C 3	51	
Houston, Tex.....	144,340	37	13.4		4			
Indianapolis, Ind.....	325,215	72	11.5	C 12.5	8	C 11	62	
Jersey City, N. J.....	302,788	67	11.5	C 10.4	5	C 13	34	
Kansas City, Kans.....	103,884	24	12.0	C 5.6	3	C 0	72	
Kansas City, Mo.....	336,157	76	11.8	C 10.6	6	C 16		
Los Angeles, Calif.....	611,921	151	12.9	A 12.3	12	A 11	57	
Louisville, Ky.....	236,083	70	15.5	C 11.1	4	C 9	46	
Lowell, Mass.....	113,757	33	15.1	A 15.2	6	A 10	97	
Memphis, Tenn.....	165,389	73	13.0	C 15.6	11	C 7		
Milwaukee, Wis.....	468,386	70	7.8	A 11.0	13	A 19	63	
Minneapolis, Minn.....	392,815	71	9.4	C 8.8	3	C 11	17	
Nashville, Tenn.....	122,036	30	12.8	C 17.6	3	C 7		
New Bedford, Mass.....	125,012	24	10.0	A 14.7	9	A 10	138	
New Haven, Conn.....	167,007	37	11.6	C 11.1	2	C 4	24	
New Orleans, La.....	394,657	124	16.4	A 18.3	18	A 18		
New York, N. Y.....	5,751,867	1,211	11.0	C 9.9	164	C 170	64	
Newark, N. J.....	424,885	82	10.1	C 12.2	12	C 21	53	
Norfolk, Va.....	121,260	18	7.7		3			
Oakland, Calif.....	226,472	50	11.5	A 9.3	3	A 4	38	
Omaha, Nebr.....	197,056	41	10.8		4		46	
Paterson, N. J.....	137,453	35	13.3		4		68	
Philadelphia, Pa.....	1,866,212	403	11.3	* 14.1	56	* 66	67	
Pittsburgh, Pa.....	602,452	161	13.9	C 13.0	25	C 24	89	
Portland, Oreg.....	264,859	55	10.8	C 9.8	4	C 4	40	
Providence, R. I.....	239,645	61	13.3	C 13.6	14	C 16	114	
Richmond, Va.....	175,686	47	13.9	C 16.3	7	C 12	85	
Rochester, N. Y.....	305,229	64	10.9	C 10.3	14	C 7	109	
St. Louis, Mo.....	786,164	190	12.6	C 12.5	22	C 17		
St. Paul, Minn.....	237,781	43	9.4	C 8.6	7	C 3	70	
Salt Lake City, Utah.....	121,595	30	12.9	A 10.3	4			
San Francisco, Calif.....	520,546	149	14.9	C 10.9	11	C 4	64	
Seattle, Wash.....	327,227	50	8.0	A 8.4	4	A 5	33	
Spokane, Wash.....	104,442	23	11.5	C 10.0	1	C 0	22	
Springfield, Mass.....	136,877	26	10.0	C 15.4	4	C 3	60	
Syracuse, N. Y.....	177,265	41	12.1	C 10.8	10	C 7	120	
Toledo, Ohio.....	253,696	46	9.5	A 15.0	5	A 10	50	
Trenton, N. J.....	122,760	44	18.7	A 15.8	2	A 7	30	
Washington, D. C.....	454,026	128	14.7	A 14.2	12	A 14	70	
Wilmington, Del.....	113,408	21	9.7	C 9.8	5			
Worcester, Mass.....	184,972	36	10.1	C 11.2	7	C 4	75	
Yonkers, N. Y.....	103,324	14	7.1	A 13.2	1	A 4	23	
Youngstown, Ohio.....	139,432	19	7.1	C 12.0	4	C 7	51	

¹ Annual rate per 1,000 population.² "A" indicates data for the corresponding week of the years 1913 to 1917, inclusive. "C" indicates data for the corresponding week of the year 1920.³ Deaths under 1 year per 1,000 births—an annual rate based on deaths under 1 year for the week and estimated births for 1920. Cities left blank are not in the registration area for births.⁴ Data based on statistics of 1915, 1916, and 1917.

PREVALENCE OF DISEASE.

No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.

UNITED STATES.

CURRENT STATE SUMMARIES.

Telegraphic Reports for Week Ended Oct. 29, 1921.

These reports are preliminary and the figures are subject to change when later returns are received by the State health officers.

ALABAMA.		CALIFORNIA—continued.	
	Cases.		Cases.
Chicken pox.....	14	Influenza.....	13
Diphtheria.....	100	Lethargic encephalitis:	
Hookworm disease.....	1	Napa.....	1
Influenza.....	2	Sonoma County.....	4
Malaria.....	23	Stockton.....	2
Measles.....	2	Poliomyelitis:	
Mumps.....	2	Albany.....	1
Fellagra.....	32	Contra Costa County.....	1
Pneumonia.....	1	Eldorado County.....	1
Scarlet fever.....	57	Los Angeles.....	2
Septic sore throat.....	1	Rio Vista.....	1
Smallpox.....	3	Sacramento County.....	1
Tuberculosis.....	9	San Francisco.....	2
Typhoid fever.....	38	San Joaquin County.....	2
Whooping cough.....	6	Santa Rosa.....	1
ARKANSAS.		Stockton.....	7
Chicken pox.....	3	Smallpox:	
Diphtheria.....	34	Oakland.....	12
Influenza.....	19	Scattering.....	51
Malaria.....	229	Typhoid fever.....	25
Measles.....	1	COLORADO.	
Fellagra.....	5	(Exclusive of Denver.)	
Pneumonia.....	1	Chicken pox.....	7
Scarlet fever.....	20	Diphtheria.....	31
Tuberculosis.....	7	Measles.....	3
Typhoid fever.....	17	Mumps.....	1
Whooping cough.....	7	Pneumonia.....	1
CALIFORNIA.		Poliomyelitis.....	1
Cerebrospinal meningitis:		Scarlet fever.....	27
Manteca.....	1	Smallpox.....	13
Salinas.....	1	Tuberculosis.....	85
Santa Rosa.....	1	Typhoid fever.....	11

November 4, 1921.

CONNECTICUT.

Cases.

Cerebrospinal meningitis.....	1
Chicken pox.....	23
Diphtheria:	
Bridgeport.....	13
Hartford.....	12
New Britain.....	8
New Haven.....	10
Scattering.....	39
Dysentery (bacillary).....	1
German measles.....	1
Influenza.....	4
Lethargic encephalitis.....	2
Measles.....	22
Mumps.....	4
Pneumonia (lobar).....	20
Poliomyelitis.....	1
Scarlet fever.....	41
Septic sore throat.....	1
Tuberculosis (all forms).....	11
Typhoid fever:	
East Granby.....	11
Scattering.....	9
Whooping cough.....	34

DELAWARE.

Diphtheria.....	8
Measles.....	2
Mumps.....	3
Ophthalmia neonatorum.....	1
Scarlet fever—Wilmington.....	15
Tuberculosis:	
Wilmington.....	8
Scattering.....	3
Typhoid fever.....	5
Whooping cough.....	3

FLORIDA.

Diphtheria.....	24
Influenza.....	5
Malaria.....	20
Pneumonia.....	2
Scarlet fever.....	3
Smallpox.....	5
Typhoid fever.....	5

GEORGIA.

Chicken pox.....	5
Dengue.....	4
Diphtheria.....	87
Dysentery (bacillary).....	3
German measles.....	2
Hookworm disease.....	55
Influenza.....	21
Malaria.....	72
Pellagra.....	1
Pneumonia.....	5
Scarlet fever.....	51
Septic sore throat.....	1
Smallpox.....	2
Tuberculosis (pulmonary).....	9
Typhoid fever.....	30
Whooping cough.....	13

IDAHO.

Cerebrospinal meningitis.....	1
Chicken pox.....	1

IDAHO—continued.

Cases.

Diphtheria.....	2
Poliomyelitis.....	3
Scarlet fever.....	8
Smallpox.....	2

ILLINOIS.

Cerebrospinal meningitis:	
Decatur.....	1
Herrin.....	1
Woodford County—Panola Township.....	1
Diphtheria:	
Aurora.....	13
Blue Island.....	8
Chicago.....	250
Cicero.....	11
Decatur.....	24
East St. Louis.....	11
LaGrange Park.....	9
Mattoon.....	13
Maywood.....	10
Peoria.....	17
Rockford.....	21
Waukegan.....	8
Scattering.....	303
Influenza.....	11

Lethargic encephalitis:	
Chicago.....	2
Peoria.....	2

Pneumonia.....	184
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Poliomyelitis:	
Aurora.....	1
Chicago.....	3
Clark County—Wabash Township.....	1
Coles County—Charleston Township.....	1
Cornell.....	1
Danville.....	1
Flora.....	1
Joliet.....	1
Mulberry Grove.....	1
Nauvoo.....	1
Niantic.....	1
Piatt County—Willow Branch Township..	1
Sparland.....	1
Stephenson County—Rock Run Township..	1
Summit.....	1
Vermilion County—Butler Township.....	1
Whiteside County—Montgomery Town- ship.....	1
Will County—Troy Township.....	1
Scarlet fever:	
Chicago.....	106
Peoria.....	14
Rockford.....	10
Scattering.....	144
Smallpox.....	3
Typhoid fever:	
Chicago.....	11
Scattering.....	48
Whooping cough.....	58

INDIANA.

Diphtheria.....	391
Poliomyelitis—Porter County.....	1
Scarlet fever.....	166
Smallpox.....	6
Typhoid fever.....	33

IOWA.	Cases.	MASSACHUSETTS.	Cases.		
Diphtheria.....	62	Cerebrospinal meningitis.....	4		
Poliomyelitis:		Chicken pox.....	101		
Dubuque.....	1	Conjunctivitis (suppurative).....	10		
Iowa City.....	1	Diphtheria.....	243		
Scarlet fever.....	123	Dysentery.....	1		
Smallpox.....	11	German measles.....	2		
KANSAS.					
Cerebrospinal meningitis.....	2	Influenza.....	3		
Chicken pox.....	45	Lethargic encephalitis.....	3		
Diphtheria.....	689	Measles.....	109		
German measles.....	1	Mumps.....	28		
Influenza.....	1	Ophthalmia neonatorum.....	14		
Measles.....	5	Pneumonia (lobar).....	59		
Mumps.....	5	Poliomyelitis.....	7		
Ophthalmia neonatorum.....	1	Scarlet fever.....	117		
Pneumonia.....	15	Septic sore throat.....	1		
Poliomyelitis.....	4	Smallpox.....	2		
Scarlet fever.....	274	Tuberculosis (all forms).....	154		
Smallpox.....	14	Typhoid fever.....	14		
Tuberculosis.....	69	Whooping cough.....	45		
Typhoid fever.....	26	MINNESOTA.			
Whooping cough.....	24	Chicken pox.....	8		
LOUISIANA.					
Diphtheria.....	30	Diphtheria:			
Influenza.....	17	Minneapolis.....	93		
Paratyphoid fever.....	1	Scattering.....	91		
Scarlet fever.....	21	Measles.....	6		
Smallpox.....	2	Poliomyelitis.....	12		
Typhoid fever.....	13	Scarlet fever.....	168		
Whooping cough.....	46	Smallpox.....	24		
MAINE.					
Chicken pox.....	24	Tuberculosis.....	143		
Diphtheria.....	29	Typhoid fever.....	14		
German measles.....	1	Whooping cough.....	9		
Measles.....	1	MISSISSIPPI.			
Mumps.....	1	Diphtheria.....	99		
Pneumonia.....	2	Scarlet fever.....	21		
Scarlet fever.....	18	Smallpox.....	2		
Tuberculosis.....	6	Typhoid fever.....	41		
Typhoid fever.....	5	MISSOURI.			
Whooping cough.....	4	Chicken pox.....	11		
MARYLAND. ¹					
Chicken pox.....	27	Diphtheria.....	208		
Diphtheria.....	74	Epidemic sore throat.....	41		
Dysentery.....	4	Influenza.....	8		
German measles.....	2	Measles.....	3		
Influenza.....	18	Mumps.....	2		
Lethargic encephalitis.....	1	Ophthalmia neonatorum.....	1		
Malaria.....	19	Scarlet fever.....	138		
Measles.....	13	Smallpox.....	26		
Mumps.....	3	Tuberculosis.....	8		
Ophthalmia neonatorum.....	1	Typhoid fever.....	23		
Paratyphoid fever.....	1	Whooping cough.....	10		
Pneumonia (all forms).....	50	MONTANA.			
Poliomyelitis.....	9	Diphtheria.....	14		
Scarlet fever.....	65	Poliomyelitis—Grass Range.....	1		
Septic sore throat.....	2	Scarlet fever.....	14		
Trachoma.....	1	Smallpox.....	21		
Tuberculosis.....	42	Typhoid fever.....	2		
Typhoid fever.....	39	NEBRASKA.			
Whooping cough.....	23	Chicken pox.....	3		

¹ Week ended Friday.

November 4, 1921.

NEBRASKA—continued.

	Cases.
Poliomyelitis:	
Bloomfield.....	1
Cass County.....	1
Grand Island.....	1
Scotts Bluff County.....	1
York.....	1
Septic sore throat.....	4
Scarlet fever:	
Gage County.....	8
Scattering.....	49
Smallpox.....	9
Tuberculosis.....	3
Typhoid fever.....	14

NEW JERSEY.

	Cases.
Anthrax.....	1
Cerebrospinal meningitis.....	2
Chicken pox.....	70
Diphtheria.....	186
Influenza.....	7
Malaria.....	1
Measles.....	49
Paratyphoid fever.....	1
Pneumonia.....	75
Poliomyelitis.....	5
Scarlet fever.....	112
Smallpox.....	14
Trachoma.....	1
Typhoid fever.....	28
Whooping cough.....	46

NEW MEXICO.

	Cases.
Cerebrospinal meningitis.....	1
Chicken pox.....	12
Diphtheria.....	15
Malaria.....	1
Mumps.....	1
Pneumonia.....	2
Poliomyelitis.....	3
Scarlet fever.....	8
Smallpox.....	1
Tuberculosis.....	27
Typhoid fever.....	25

NORTH CAROLINA.

	Cases.
Cerebrospinal meningitis.....	2
Chicken pox.....	38
Diphtheria.....	279
Measles.....	6
Scarlet fever.....	139
Septic sore throat.....	14
Smallpox.....	12
Typhoid fever.....	35
Whooping cough.....	55

OREGON.

	Cases.
Chicken pox.....	14
Diphtheria:	
Portland.....	25
Scattering.....	11
Lethargic encephalitis—Oregon City (suspected).....	1
Measles.....	1
Mumps.....	8

OREGON—continued.

	Cases.
Poliomyelitis:	
Jackson County.....	1
Lane County.....	2
Fendleton.....	1
Portland.....	6
Scarlet fever:	
Portland.....	11
Scattering.....	10
Smallpox.....	9
Tuberculosis.....	6
Typhoid fever.....	1
Whooping cough.....	9

SOUTH DAKOTA.

Chicken pox.....	6
Diphtheria.....	17
Measles.....	1
Scarlet fever.....	22
Smallpox.....	3
Tuberculosis.....	7

TEXAS.

Diphtheria.....	44
Influenza.....	8
Poliomyelitis.....	2
Scarlet fever.....	12
Typhoid fever.....	5

VERMONT.

Chicken pox.....	47
Diphtheria.....	12
Mumps.....	4
Poliomyelitis.....	2
Scarlet fever.....	24
Typhoid fever.....	6
Whooping cough.....	9

VIRGINIA.

Smallpox—Dinwiddie County.....	4
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WASHINGTON.

Chicken pox.....	83
Diphtheria:	
Walla Walla.....	19
Scattering.....	37
Measles.....	5
Mumps.....	11
Pneumonia.....	1
Poliomyelitis:	
Aberdeen.....	1
Arlington.....	1
King County.....	1
Seattle.....	2
Skagit County.....	1
Spokane.....	1
Scarlet fever:	
Spokane.....	16
Scattering.....	27
Smallpox:	
Spokane.....	18
Scattering.....	26
Tuberculosis.....	25
Typhoid fever:	
Wenatchee.....	9
Scattering.....	17
Whooping cough.....	13

WEST VIRGINIA.		Cases.	WISCONSIN.		Cases.
Diphtheria:			Milwaukee:		
Bluefield	9		Chicken pox	76	
Charleston	11		Diphtheria	36	
Clarksburg	17		Scarlet fever	22	
Elkins	8		Smallpox	1	
Grafton	11		Tuberculosis	17	
Huntington	18		Whooping cough	7	
Parkersburg	12		Scattering:		
Wheeling	16		Chicken pox	51	
Scattering	26		Diphtheria	152	
Scarlet fever:			Influenza	1	
Wheeling	13		Measles	12	
Scattering	24		Poliomyelitis	7	
Smallpox	3		Scarlet fever	168	
Typhoid fever:			Smallpox	7	
Bluefield	15		Tuberculosis	35	
Scattering	7		Typhoid fever	25	

Reports for Week Ended Oct. 22, 1921.

DISTRICT OF COLUMBIA.		Cases.	KENTUCKY—continued.		Cases.
Cerebrospinal meningitis		1	Diphtheria—Continued.		
Chicken pox		5	McLean County		8
Diphtheria		23	Todd County		23
Influenza		1	Webster County		11
Lethargic encephalitis		2	Scattering		86
Measles		3	Dysentery		3
Poliomyelitis		1	Influenza		2
Scarlet fever		9	Malaria		1
Tuberculosis		13	Measles		3
Typhoid fever		3	Pneumonia		15
Whooping cough		7	Poliomyelitis—Jefferson County		1
KENTUCKY.			Scarlet fever		37
Cerebrospinal meningitis:			Septic sore throat		6
Ballard County		1	Smallpox:		
Rowan County		1	Fulton County		13
Scott County		1	Scattering		7
Diphtheria:			Tonsillitis		15
Boyd County		12	Trachoma		44
Boyle County		8	Tuberculosis:		
Clark County		8	Jefferson County		15
Davies County		30	Scattering		6
Hardin County		11	Typhoid fever		45
Jefferson County		85	Whooping cough		32

SUMMARY OF CASES REPORTED MONTHLY BY STATES.

The following summary of monthly State reports is published weekly and covers only those States from which reports are received during the current week:

State.	Cerebrospinal meningitis.	Diphtheria.	Influenza.	Malaria.	Measles.	Pollagra.	Poliomyelitis.	Scarlet fever.	Smallpox.	Typhoid fever.
1921.										
Alabama (September)	244	2	164	1		1	70	28		172
Hawaii (September)	12	8		2				1		19
Illinois (September)	16	1,606	61	128	81	2	213	851	21	404
Kansas (September)	8	1,076	12	6	21		22	424	23	150
Mississippi (September)		642	80	20,769	74	577	3	135	11	301
New York (August)	41	1,078	43		545		253	466	36	438
North Carolina (September)		1,160			36		4	350	51	260
North Dakota (September)		52			6		14	67	40	31
Oklahoma (September)		176		5		3	2	47	3	88
Oregon (September)	1	121	2	1	8		22	35	24	24
South Carolina (September)		578	1	56	2	12	1	29	41	74
Vermont (August)		30			64		14	49	17	12
Washington (September)	3	109			19		124	136	52	68
Wyoming (September)		3	19		10			11	12	8

November 4, 1921.

CITY REPORTS FOR WEEK ENDED OCT. 15, 1921.

ANTHRAX.

	City.	Cases.	Deaths.
California:			
Los Angeles.....		1	
New York:			
New York.....		1	1

CEREBROSPINAL MENINGITIS.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1920, inclusive. In instances in which data for the full six years are incomplete, the median is that for the number of years for which information is available.

City.	Median for pre- vious years.	Week ended Oct. 15, 1921.		City.	Median for pre- vious years.	Week ended Oct. 15, 1921.	
		Cases.	Deaths.			Cases.	Deaths.
Connecticut:				Minnesota:			
Bridgeport.....	0	1	2	Duluth.....	0		1
Illinois:				Missouri:			
Blue Island.....	1	1	1	St. Joseph.....	0	1	
Chicago.....	2	1	1	New York:			
Indiana:				Newburgh.....	0		1
East Chicago.....	0		1	New York.....	2	4	2
Maryland:				North Carolina:			
Baltimore.....	1	1	1	Raleigh.....	0		1
Massachusetts:				Pennsylvania:			
Cumberland.....	0	1	1	Philadelphia.....	0	2	
Michigan:							
Detroit.....	0	3	2				

DIPHTHERIA.

See p. 2745; also Telegraphic weekly reports from States, p. 2734, and Monthly summaries by States, p. 2738.

INFLUENZA.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			Massachusetts—Continued.		
Mobile.....		1	Lynn.....	1	
California:			Quincy.....	2	
Los Angeles.....	3		Saugus.....	2	
San Francisco.....	9		Michigan:		
District of Columbia:			Detroit.....	1	1
Washington.....	1		Missouri:		
Florida:			Cape Girardeau.....	1	
Tampa.....	9		New Jersey:		
Georgia:			Newark.....	1	
Atlanta.....	8		New York:		
Illinois:			New York.....	21	5
Chicago.....	11	1	Ohio:		
Cicero.....	1		Cleveland.....	1	
Indiana:			Cleveland Heights.....	2	
Indianapolis.....		1	Oklahoma:		
Louisiana:			Oklahoma City.....		1
New Orleans.....	1	2	Pennsylvania:		
Maryland:			Philadelphia.....	2	2
Baltimore.....	4		Texas:		
Massachusetts:			Dallas.....		
Boston.....	3		Wisconsin:		
Haverhill.....	1		Wausau.....	1	

LEPROSY.

California:					
Los Angeles.....		1			

CITY REPORTS FOR WEEK ENDED OCT. 15, 1921—Continued.

LETHARGIC ENCEPHALITIS.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Massachusetts: Salem.....	1		Nebraska: Omaha.....		1

MALARIA.

Alabama: Anniston.....	1		Indiana: Marion.....		1
Birmingham.....		1	Louisiana: New Orleans.....	1	
Mobile.....	1		Maryland: Baltimore.....	3	
Montgomery.....	4	1	Northbridge.....	2	
Arkansas: Fort Smith.....	6		Missouri: Kansas City.....	1	2
Little Rock.....	6		New York: New York.....	2	1
Florida: Tampa.....	6		Tennessee: Memphis.....	10	2
Georgia: Atlanta.....	1	2	Nashville.....		1
Macon.....			Texas: Beaumont.....	2	
Valdosta.....	9		Dallas.....	2	
Illinois: Chicago.....	1				

MEASLES.

See p. 2745; also Telegraphic weekly reports from States, p. 2734, and Monthly summaries by States, p. 2738.

PELLAGRA.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama: Birmingham.....	2	1	Oklahoma: Oklahoma City.....		1
Mobile.....		3	Tennessee: Memphis.....		1
Arkansas: Little Rock.....	1		Nashville.....		1
Georgia: Valdosta	1		Texas: Waco.....		1
Illinois: Chicago.....		1	Virginia: Petersburg.....		1
North Carolina: Winston-Salem.....		1			

PNEUMONIA (ALL FORMS).

Alabama: Birmingham.....	2		Connecticut—Continued. New Haven.....		2
Arizona: Tucson.....	1		New London.....	1	
California: Alameda.....	1		Watertown.....		4
Long Beach.....	2		Delaware: Wilmington.....		1
Los Angeles.....	18	3	District of Columbia: Washington.....		7
Oakland.....		3	Georgia: Atlanta.....		4
Pasadena.....		1	Macon.....		3
San Bernardino.....	2		Savannah.....		1
San Diego.....	2	1	Illinois: Alton.....	1	
San Francisco.....	5		Blue Island.....		1
Santa Barbara.....	1		Chicago.....	83	24
Stockton.....	3		Cicero.....		1
Colorado: Colorado Springs.....	1		Evanston.....	1	
Denver.....	6		Freeport.....		1
Greeley.....	1		Jacksonville.....		2
Pueblo.....	2		Kewanee.....		1
Connecticut: Bridgeport.....	2		Peoria.....		2
Manchester.....	2		Springfield.....		2

November 4, 1921.

CITY REPORTS FOR WEEK ENDED OCT. 15, 1921—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Indiana:			New Jersey—Continued.		
East Chicago.....		1	Hoboken.....		2
Indianapolis.....		2	Newark.....	12	
South Bend.....		1	Orange.....	4	1
Terre Haute.....		1	Passaic.....		1
Iowa:			Phillipsburg.....		1
Dubuque.....	2	1	Plainfield.....	1	
Kansas:			Trenton.....	5	2
Atchison.....	2		New Mexico:		
Kansas City.....	1		Albuquerque.....		1
Leavenworth.....	1		New York:		
Topeka.....	1		Albany.....	5	
Wichita.....	1		Auburn.....		1
Kentucky:			Binghamton.....	2	
Covington.....		2	Buffalo.....	11	6
Louisville.....	6	2	Cohoes.....		1
Louisiana:			Elmira.....	2	
Monroe.....		1	Jamestown.....	3	
New Orleans.....		9	Lackawanna.....	3	
Maine:			Lockport.....	1	
Lewiston.....		1	Middletown.....		1
Portland.....		1	New York.....	166	73
Maryland:			Niagara Falls.....	1	
Baltimore.....	21	14	Peekskill.....	1	
Massachusetts:			Rochester.....	7	1
Boston.....			Rome.....	2	
Cambridge.....			Saratoga Springs.....	1	
Chelsea.....			Schenectady.....	4	3
Chicopee.....			Syracuse.....	3	1
Everett.....			North Carolina:		
Fall River.....	3	1	Raleigh.....		1
Leominster.....	3		Winston-Salem.....		2
Lowell.....	3		Ohio:		
Malden.....			Akron.....	4	
Methuen.....			Barberton.....		1
Newton.....	2		Canton.....		3
Pittsfield.....			Cincinnati.....		5
Quincy.....	2	1	Cleveland.....	16	
Somerville.....	1		Columbus.....		7
Springfield.....			East Cleveland.....		1
Taunton.....			Toledo.....		4
Worcester.....		5	Youngstown.....		1
Michigan:			Oklahoma:		
Ann Arbor.....	2		Oklahoma City.....		2
Detroit.....	39	12	Oregon:		
Flint.....	3	2	Portland.....		4
Grand Rapids.....	4		Pennsylvania:		
Hamtramck.....			Philadelphia.....	34	16
Highland Park.....	3		Rhode Island:		
Kalamazoo.....	5	2	Pawtucket.....		1
Port Huron.....	1		Providence.....		2
Minnesota:			South Carolina:		
Duluth.....	1		Charleston.....		4
Minneapolis.....			Memphis.....		3
St. Paul.....		2	Texas:		
Missouri:			Dallas.....		1
Kansas City.....			Galveston.....		1
St. Joseph.....	3		Utah:		
Springfield.....	1		Salt Lake City.....		1
Montana:			Virginia:		
Billings.....	1		Danville.....		2
Butte.....		3	Norfolk.....		4
Missoula.....	1		Petersburg.....		1
Nebraska:			Portsmouth.....		1
Omaha.....			Richmond.....		1
New Hampshire:			Roanoke.....		1
Concord.....		1	West Virginia:		
Nashua.....		1	Charleston.....		1
New Jersey:			Wheeling.....		3
Bloomfield.....	1		Wisconsin:		
East Orange.....	1		Kenosha.....		1
Elizabeth.....		3	Racine.....		2
Garfield.....	1				
Hackensack.....	1				

CITY REPORTS FOR WEEK ENDED OCT. 15, 1921—Continued.

POLIOMYELITIS (INFANTILE PARALYSIS).

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1920, inclusive. In instances in which data for the full six years are incomplete, the median is that for the number of years for which information is available.

City.	Median for pre- vious years.	Week ended Oct. 15, 1921.		City.	Median for pre- vious years.	Week ended Oct. 15, 1921.	
		Cases.	Deaths.			Cases.	Deaths.
California:				Montana:			
San Francisco.....	0	1	.....	Billings.....		1	.....
Stockton.....	0	1	.....	Nebraska:			
Colorado:				Lincoln.....	0	1	1
Pueblo.....	0	1	1	New Jersey:			
Trinidad.....	1	.....		Bavonne.....	0	1	.....
Connecticut:				Clifton.....		1	.....
New Haven.....	0	1	.....	Elizabeth.....	0	3	.....
Waterbury.....	0	1	.....	Newark.....	0	.....	1
District of Columbia:				Rahway.....	0	1	1
Washington.....	0	4	.....	New York:			
Illinois:				Buffalo.....	0	.....	1
Chicago.....	3	5	3	Middletown.....	0	1	.....
Decatur.....	0	1	1	New York.....	3	34	7
Oak Park.....	0	1	.....	Syracuse.....	0	3	1
Peoria.....	0	1	1	North Carolina:			
Iowa:				Charlotte.....	0	.....	2
Sioux Falls.....	0	2	.....	Ohio:			
Kansas:				Akron.....	2	1	.....
Kansas City.....	0	1	.....	Cincinnati.....	0	1	.....
Maryland:				Cleveland.....	1	1	.....
Baltimore.....	0	9	2	Youngstown.....	0	1	.....
Cumberland.....	0	.....		Oregon:			
Massachusetts:				Portland.....	0	1	1
Boston.....	0	1	.....	Pennsylvania:			
Everett.....	0	1	.....	Philadelphia.....	0	1	.....
Haverhill.....	0	.....	1	Vermont:			
Michigan:				Rutland.....	0	1	1
Ann Arbor.....	0	1	.....	Virginia:			
Detroit.....	0	8	.....	Richmond.....	0	2	.....
Kalamazoo.....	0	1	.....	Washington:			
Minnesota:				Seattle.....	0	1	.....
St. Paul.....	0	2	.....	Spokane.....	.....	1	.....
Missouri:				Wisconsin:			
Kansas City.....	0	6	4	Milwaukee.....	0	1	.....

RABIES IN ANIMALS.

City.	Cases.
Georgia:	
Augusta.....	3
Missouri:	
Kansas City.....	1
North Carolina:	
Winston-Salem.....	1

SCARLET FEVER.

See p. 2745; also Telegraphic weekly reports from States, p. 2734, and Monthly summaries by States, p. 2738.

November 4, 1921.

CITY REPORTS FOR WEEK ENDED OCT. 15, 1921—Continued.**SMALLPOX.**

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1920, inclusive. In instances in which data for the full six years are incomplete, the median is that for the number of years for which information is available.

City.	Median for pre- vious years.	Week ended Oct. 15, 1921.		City.	Median for pre- vious years.	Week ended Oct. 15, 1921.	
		Cases.	Deaths.			Cases.	Deaths.
Alabama:				Missouri:			
Mobile.....	0	3	1	Kansas City.....	0	13	.....
California:				Montana:			
Los Angeles.....	0	5	.....	Great Falls.....	0	7	.....
Oakland.....	0	6	.....	Ohio:			
Richmond.....		1	.....	Fremont.....	0	2	.....
Riverside.....	0	1	.....	Oregon:			
District of Columbia:				Portland.....	3	3	.....
Washington.....	0	2	.....	Utah:			
Iowa:				Salt Lake City.....	1	3	.....
Mason City.....	0	1	.....	Washington:			
Muscatine.....	0	4	.....	Aberdeen.....	0	3	.....
Kansas:				Seattle.....	3	2	.....
Kansas City.....	0	1	.....	Spokane.....	5	16	.....
Michigan:				Tacoma.....	0	4	.....
Alpena.....	2	.....		West Virginia:			
Ann Arbor.....	0	1	.....	Bluefield.....	0	3	.....
Minnesota:				Parkersburg.....	0	2	.....
Duluth.....	0	6	.....	Wisconsin:			
Hibbing.....		1	.....	Manitowoc.....	0	1	.....
Minneapolis.....	3	1	.....	Milwaukee.....	1	1	.....
St. Paul.....	3	5	.....	Racine.....	0	1	.....

TETANUS.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Kentucky:			New Jersey:		
Lexington.....	1	.....	Harrison.....	1	1
Louisville.....	1	1	Trenton.....		1
Maryland:			New York:		
Baltimore.....	1	.....	Auburn.....		1
Massachusetts:			Jamestown.....	1	.....
Fall River.....	1	.....	Pennsylvania:		
Minnesota:			Philadelphia.....	1	1
St. Paul.....		1	Texas:		
Missouri:			Dallas.....		1
St. Louis.....	1	.....	Virginia:		
Nebraska:			Roanoke.....		1
Omaha.....		1			

TUBERCULOSIS.

See p. 2745; also Telegraphic weekly reports from States, p. 2734.

CITY REPORTS FOR WEEK ENDED OCT. 15, 1921—Continued.

TYPHOID FEVER.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1920, inclusive. In instances in which data for the full six years are incomplete, the median is that for the number of years for which information is available.

City.	Median for pre- vious years.	Week ended Oct. 15, 1921.		City.	Median for pre- vious years.	Week ended Oct. 15, 1921.	
		Cases.	Deaths.			Cases.	Deaths.
Alabama:				Massachusetts:			
Birmingham.....	4	9	1	Arlington.....	0	1	
Mobile.....	1	3		Boston.....	2	5	1
Arkansas:				Cambridge.....	1	1	
Little Rock.....	1	1		Clinton.....	0	1	
North Little Rock.....	0	1		Fall River.....	3	3	
California:				Framingham.....	0		1
Long Beach.....	0	1		Greenfield.....	0	1	
Los Angeles.....	5	3		Lawrence.....	1	1	
Oakland.....	0	1		Lowell.....	1	1	
Sacramento.....	1	2		Newton.....	0	3	
San Diego.....	0	1		Southbridge.....	0	1	1
San Francisco.....	3	1		Worcester.....	1	1	
Vallejo.....	0	2		Michigan:			
Colorado:				Battle Creek.....	0		1
Colorado Springs.....	0		1	Detroit.....	11	8	
Denver.....	3		1	Kalamazoo.....	1		1
Trinidad.....	0	1		Saginaw.....	2	1	1
Connecticut:				Minnesota:			
Bridgeport.....	0	2	1	Minneapolis.....	4		1
Derby.....		1		St. Cloud.....	0	1	
Greenwich.....	0	1		St. Paul.....	0	4	2
New Haven.....	3	1		Missouri:			
District of Columbia:				Kansas City.....	6	2	1
Washington.....	8	7	1	St. Louis.....	11	2	1
Florida:				Montana:			
Tampa.....		2		Billings.....	1	2	
Georgia:				Nebraska:			
Atlanta.....	1	1		Lincoln.....	0	2	
Augusta.....		1		Omaha.....	2	3	1
Macon.....	1	1	2	New Hampshire:			
Rome.....	0	2		Portsmouth.....	0	2	
Savannah.....	0	1	2	New Jersey:			
Valdosta.....		1		Atlantic City.....	0	1	
Idaho:				East Orange.....	0	1	
Boise.....	0	2		Hackensack.....	0	2	
Illinois:				Newark.....	3	1	1
Bloomington.....	0	2		Trenton.....	1	6	1
Centralia.....	7	1		New Mexico:			
Chicago.....	8	9	3	Albuquerque.....	2		
Freeport.....	0		1	New York:			
Galesburg.....	1	4		Albany.....	0	1	
Jacksonville.....	0	1		Binghamton.....	0	1	
Kewanee.....	0	2		Buffalo.....	8	4	
Murphysboro.....		1		Elmira.....	0	5	1
Peoria.....	0	1	1	Glens Falls.....	0	1	
Quincy.....	0	2		Ithaca.....	0	2	
Springfield.....	1	1		Lockport.....	6	1	
Indiana:				Mount Vernon.....	0		1
Bloomington.....	0		1	Newburgh.....	0	2	
Kokomo.....	1	1		New York.....	40	24	3
La Fayette.....	0	1		Niagara Falls.....	0	2	
Logansport.....	0		1	Peekskill.....	0	3	
Marion.....	0	1		Rochester.....	0	1	
Richmond.....	0	1		Syracuse.....	0	6	
Iowa:				Troy.....	1	1	
Ottumwa.....		1		North Carolina:			
Waterloo.....		1		Durham.....	1	2	
Kansas:				Wilmington.....	0	2	
Atchison.....	0	5		Ohio:			
Kansas City.....	1	4		Akron.....	2	2	
Wichita.....	2	2	1	Chillicothe.....	0	1	
Kentucky:				Cleveland.....	4	3	1
Covington.....	0		1	Cleveland Heights.....	9	12	
Louisville.....	2	2		Columbus.....	3		
Louisiana:				Dayton.....	5	1	
Monroe.....			1	East Cleveland.....	0	1	
New Orleans.....	2	6		Fremont.....	0	3	
Maine:				Lima.....	1	1	
Portland.....	0	2		Marion.....	2	2	
Maryland:				New Philadelphia.....	1		
Baltimore.....	12	11	2	Niles.....	1		

November 4, 1921.

CITY REPORTS FOR WEEK ENDED OCT. 15, 1921—Continued.

TYPHOID FEVER—Continued.

City.	Median for pre- vious years.	Week ended Oct. 15, 1921.		City.	Median for pre- vious years.	Week ended Oct. 15, 1921.	
		Cases.	Deaths.			Cases.	Deaths.
Ohio—Continued.				Texas—Continued.			
Sandusky.....	0	1		Fort Worth.....	0	1	
Toledo.....	3	21	1	Galveston.....	0	2	1
Oklahoma:				Utah:			
Oklahoma City.....	0	1		Salt Lake City.....	2	1	
Pennsylvania:				Vermont:			
Bethlehem.....	0	3		Burlington.....	0	1	
Bradford.....	0	1		Virginia:			
Carnegie.....	0	1		Danville.....	0	15	
Chester.....	1	1		Lynchburg.....	0	8	
Easton.....	0	1		Petersburg.....	0	2	1
Farrell.....	0	1		Portsmouth.....	1		
Lancaster.....	1	2		Richmond.....	3	2	1
Monessen.....	0	5		Roanoke.....	1	3	
New Kensington.....		1		Washington:			
North Braddock.....	0	1		Seattle.....	2	1	
Philadelphia.....	19	8	3	West Virginia:			
Pittsburgh.....	5	7		Bluefield.....	0	1	
Reading.....	2	3		Fairmont.....	0	1	
Scranton.....	0	1		Huntington.....	0	1	
Rhode Island:				Martinsburg.....	0	2	
Providence.....	0	1		Wheeling.....	1		1
South Carolina:				Wisconsin:			
Charleston.....	2	4	1	Beloit.....	0	1	
Tennessee:				Eau Claire.....	0	2	
Nashville.....	5	7		Fond du Lac.....	0	2	
Texas:				Oshkosh.....	6	1	
Dallas.....	3	4					

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

City.	Population Jan. 1, 1920, sub- ject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Alabama:										
Anniston.....	17,734		6						1	
Birmingham.....	178,270	55	11		1		10		3	3
Mobile.....	60,151	31							3	1
Montgomery.....	43,464	10	4						3	1
Tuscaloosa.....	11,996		1		1					
Arizona:										
Tucson.....	20,252	12		2						2
Arkansas:										
Fort Smith.....	28,811	6	3				2			
Hot Springs.....	11,695	1								
Little Rock.....	64,997		2		1		7		9	
North Little Rock.....	14,048		2							
California:										
Alameda.....	28,806	6								
Bakersfield.....	18,638	3								
Eureka.....	12,123	2							1	
Glendale.....	13,536	3								
Long Beach.....	55,593	9	8				1		1	
Los Angeles.....	576,673	147	106	2	2		9		81	19
Oakland.....	216,391	39	17	1			5		1	5
Pasadena.....	45,354	14							1	1
Richmond.....	16,843	3	1							
Riverside.....	19,341	6								
Sacramento.....	65,857	16	8				1		2	1
San Bernardino.....	18,721	6								
San Diego.....	74,683	26			1		1		3	4
San Francisco.....	508,410	97	29	3			2		28	3
Santa Barbara.....	19,441	4								
Santa Cruz.....	10,917	2								
Stockton.....	40,296	10	5				3			2
Vallejo.....	21,107	5	1							

CITY REPORTS FOR WEEK ENDED OCT. 15, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Colorado:										
Colorado Springs	30,105	10	3							3
Denver	226,339	64	12		3		4			10
Greeley	10,883	1					1			
Pueblo	42,508		9				1			2
Trinidad	10,906		2				1			
Connecticut:										
Bridgeport	143,538	21	12				5		2	2
Bristol	20,620	2	2							1
Derby	11,238	5	1	1						
Fairfield	11,475	0	2							
Hartford	138,036	15	9		1		2			1
Manchester	18,370	4	3							1
Meriden	29,812		6				5		1	
Milford	10,193	3	2							
New Britain	59,316	10	2							
New Haven	162,519	33	13	1			1		7	3
New London	25,688	5	1				2			
Norwalk	27,700		6							1
Norwich	29,685		4							
Waterbury	91,410	27	2	1	1		7		1	
Delaware:										
Wilmington	110,168	16	2				4			
District of Columbia:										
Washington	437,571	112	21		3		8		18	9
Florida:										
Tampa	51,252	13	2				1			3
Georgia:										
Albany	11,555		1						1	
Atlanta	200,618	50	9	1	1		9			6
Augusta	52,548	16	6				3			
Brunswick	14,413		2							
La Grange	17,038						2			
Macon	52,995	41	3				4			6
Rome	13,252		2							
Savannah	83,252	32	4				6		1	
Valdosta	10,783	5	3							
Idaho:										
Boise	21,393	5	2				10			
Illinois:										
Alton	21,682	4	3				3			
Aurora	36,397	5	23		1					
Bloomington	28,725	8	16				2		1	1
Blue Island	11,424	7	2	1					1	
Centralia	12,491	3								
Champaign	15,873									
Chicago	2,701,705	564	259	21	11	1	100	3	133	39
Cicero	44,995	10	10	1			3			
Decatur	43,818	13	11	1			1		4	
Elgin	27,454	7	2				7			
Evanson	37,215	5	10							
Forest Park	10,768	2	4	1			1			
Freeport	19,669	11	6				5			
Galesburg	23,934	8	1						2	
Jacksonville	15,713	9							2	1
Kewanee	16,626	4					1			
La Salle	13,050	1	2							
Mattoon	13,552	3	10							
Murphyboro	10,703		2							
Oak Park	39,830	7	1							
Pekin	12,086		5				2			
Peoria	76,121	25	11				14			
Quincy	35,978	8							1	
Rock Island	35,177	8							1	
Springfield	59,183	13	5		1		1		2	1
Indiana:										
Anderson	29,767	2								
Bloomington	11,505	2	2							
Crawfordsville	10,139	4	1							
East Chicago	35,967	8								
Elkhart	24,277	9	1				3			
Frankfort	11,585	4					2			1
Gary	55,378	6	6				4			
Hammond	36,004	9	5				3			

November 4, 1921.

CITY REPORTS FOR WEEK ENDED OCT. 15, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Indiana—Continued.										
Huntington	14,000	2	4	1			4		4	5
Indianapolis	314,194	76	83	5	14		9			
Kokomo	30,067	6					3			
La Fayette	22,486	6	5							
Logansport	21,626	6	1				1			
Marion	23,747	10	11	2			1			
Mishawaka	15,195	2					1		3	
Richmond	26,765	6	1							
South Bend	70,983	13	4	1					8	
Terre Haute	66,083	23	31	1			2			
Iowa:										
Burlington	24,057	8								
Cedar Rapids	45,566		3							
Council Bluffs	36,162		6	1						
Davenport	56,727				1		1			
Des Moines	126,468		20				18			
Dubuque	39,141	7	5	1			4		1	1
Mason City	20,065	7					3			
Muscatine	16,068	5					1			
Ottumwa	23,003			1			7			
Sioux City	71,227			7			2			
Waterloo	36,230			3	1		2			
Kansas:										
Atchison	12,630	1	6	1			3			
Coffeyville	13,452	4	7				1			
Fort Scott	10,693	1	12				3			
Hutchinson	23,298			10			4			
Kansas City	101,177			23			9		2	
Lawrence	12,456	6	5	1			5			
Leavenworth	16,912		9				4			
Salina	15,085	1	1							
Topeka	50,022	11	70				4		4	
Wichita	72,128	19	59	2			14			
Kentucky:										
Covington	57,121		1	1			1			
Lexington	41,534	16	3						2	
Louisville	234,891	82	56	1	4		5		9	9
Paducah	24,735		3							
Louisiana:										
Monroe	12,675	6								
New Orleans	387,219	126	9	1			10	1	23	15
Maine:										
Auburn	16,985	1					1			
Bath	14,731	0								
Biddeford	18,008	5	4							
Lewiston	31,791	9	1				2			
Portland	69,272	19	7	2						
Sanford	10,691	0								
Waterville	13,351		1							
Maryland:										
Baltimore	733,826	106	33	2	7		22		32	17
Cumberland	29,837	11	2	1			5			
Massachusetts:										
Adams	12,967	0					5			
Amesbury	10,036	2	1				1			
Arlington	18,665	4								
Attleboro	19,731	4	1							
Belmont	10,749	1								
Beverly	22,561	9								
Boston	748,060	183	31	1	11		20		30	9
Braintree	10,580	0							1	
Brockton	66,138	15	4				4		8	
Brookline	37,748	6							2	1
Cambridge	103,694	22	4	1			3	1	3	3
Chelsea	43,184	9	1				4		1	
Chicopee	36,214	9	3	2			1		2	
Clinton	12,979	1					2			
Danvers	11,108						1			
Dedham	10,792	4								
Easthampton	11,261		2							
Everett	40,120	6	3				1			2
Fall River	120,485	25	6				1		2	2
Framingham	17,033	5	1				1			

CITY REPORTS FOR WEEK ENDED OCT. 15, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Massachusetts—Continued.										
Gardner	16,971	2	1						2	
Greenfield	15,462	2	1					1		
Haverhill	53,884	11	8					5		3
Holyoke	60,203	16	1					1		1
Lawrence	94,270	24	1					2		
Leominster	19,744	1	1							
Lowell	112,479	17	2						2	1
Lynn	99,148	19	12	1					1	
Malden	49,103	4	5						2	
Medford	39,038	9	2		5					
Melrose	18,204	5							1	
Methuen	15,189	1						1		
Natick	10,907							1	1	
New Bedford	121,217	28	7					3	3	2
Newburyport	15,618	6					1		2	1
Newton	46,054	11	4		1				2	1
North Adams	22,282	2					1		1	
Northampton	21,951	6	1					1		
Peabody	19,552	5	3	1				1		
Pittsfield	41,751	9	5					3	3	
Plymouth	13,045	6								
Quincy	47,876	6	5		1			4	1	
Salem	42,529	12							1	
Saugus	10,874	2	1							1
Somerville	93,091	20	5	1	1				5	
Southbridge	14,245	3					2			
Springfield	129,563	21	8	1	1			4	2	1
Taunton	37,137	12						2		
Wakefield	13,025	2								
Waltham	30,915	8	1							
Watertown	21,457	3							2	
Webster	13,258	2								
West Springfield	13,443	4								
Westfield	18,664	5	1	1						
Winthrop	15,455	3							1	
Woburn	16,574	4							6	1
Worcester	179,754	55	2	2				8		
Michigan:										
Alpena	11,101		2					9		1
Ann Arbor	19,516	12	3					1		
Battle Creek	36,164		3							
Benton Harbor	12,233	3	1	1				1		
Detroit	993,739	184	100	7	5			49	2	30
Flint	91,599	21	25					18		
Grand Rapids	137,634	40	10					7	1	5
Hamtramck	48,615	14	15							4
Highland Park	46,499	5	4		2			1		
Holland	12,166	1						2		
Ironwood	15,739	1								
Kalamazoo	48,858	17	12					7	2	2
Marquette	12,718	5						1	1	
Pontiac	34,273	8	6					4		
Port Huron	25,944	8	1		1			2		
Saginaw	61,903	12	9	1				3		
Sault Ste. Marie	12,096	2	1					1		
Minnesota:										
Austin	10,118	2						1		
Duluth	98,917	10	15		1			4		1
Hibbing	15,089		1		1					
Minneapolis	380,582	83	84	1	4			43	19	7
Rochester	13,722	13						1		2
St. Cloud	15,873							8		
St. Paul	234,595	53	21		1			15	28	2
Virginia	14,002		1							
Winona	19,143		1					1		
Missouri:										
Cape Girardeau	10,252	2	2					2		
Independence	11,686	4								
Joplin	29,855							3		
Kansas City	324,410	114	78	8	1	1		18	2	9
St. Joseph	77,939	25	8	1				12		1
St. Louis	772,897	169	70	4	1			9	22	9
Springfield	39,631		9		1					1

November 4, 1921.

CITY REPORTS FOR WEEK ENDED OCT. 15, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Montana:										
Billings.....	15,100	3								
Butte.....	41,611	13								
Great Falls.....	24,121	8					1			
Missoula.....	12,668	3	1							
Nebraska:										
Lincoln.....	54,934	11							2	
Omaha.....	191,601	64	42	3	2		2			1
Nevada:										
Reno.....	12,016	4							1	1
New Hampshire:										
Berlin.....	16,104						1			
Concord.....	22,167	15	1				2			1
Dover.....	13,029	4					3			
Keene.....	11,210	2								
Nashua.....	28,379	11	1							
New Jersey:										
Asbury Park.....	12,400	5								
Atlantic City.....	50,682	9			1				1	2
Bayonne.....	76,754		2							
Belleville.....	15,660									
Bloomfield.....	22,019	1	4		9		1		1	
Clifton.....	26,470	2	4				1		1	
East Orange.....	50,710	10	3	1					1	
Elizabeth.....	95,682		12	1	1		3		4	1
Englewood.....	11,627	4								
Garfield.....	19,381	3	1				1		2	
Gloucester City.....	12,162		4							
Hackensack.....	17,667	2					1		1	
Harrison.....	15,721									
Hoboken.....	68,166	13	2	1			2		1	1
Irvington.....	25,480		1							
Jersey City.....	297,864		12		2		8		11	
Kearny.....	26,724	5	2							
Montclair.....	28,810	1	1							
Morristown.....	12,548									
New Brunswick.....	32,779	3	1				1			
Newark.....	414,216	86	13		6		18		11	11
Orange.....	33,268	4					1			
Passaic.....	63,824	17	8				6	2	1	2
Paterson.....	135,866		6		2		1		3	
Perth Amboy.....	41,707	8	9	1			1			1
Phillipsburg.....	16,923	7								
Plainfield.....	27,700	9	18	1			2		1	1
Rahway.....	11,042	4								
Summit.....	10,174	3								
Trenton.....	119,289	40	5	1					8	1
Union.....	21,651		2							
West Hoboken.....	49,068	3	1							
West New York.....	29,126	4								
West Orange.....	15,573	0	1							
New Mexico:										
Albuquerque.....	15,157	11	2	1					3	5
New York:										
All-Any.....	113,344		9						2	
Auburn.....	3,152	15	4						2	1
Binghampton.....	66,800	15	1							
Buffalo.....	506,775	114	33	2	1		25		13	12
Cohoes.....	22,987		4							
Elmira.....	45,305	18			1				1	
Geneva.....	14,448		4							
Glens Falls.....	16,638	7	2							
Hudson.....	11,745	2	4							
Ithaca.....	17,004	7	4						1	
Jamestown.....	38,917	8	6				4			
Lackawanna.....	17,918	4	1				1		2	
Lockport.....	21,308	4		1					1	
Middletown.....	18,420		2							
Mount Vernon.....	42,726	5							1	
Newburgh.....	39,366	4	1							
New York.....	5,621,151	1,019	113	11	33		83	1	235	181
Niagara Falls.....	50,760	10	4				5			1

¹ Pulmonary tuberculosis only.

CITY REPORTS FOR WEEK ENDED OCT. 15, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
New York—Continued.										
North Tonawanda	15,482	8	3	1						
Ogdensburg	14,609	8								
Olean	29,526	9								1
Peekskill	15,868	3	1							
Poughkeepsie	35,000	8	1							2
Rochester	265,750	67	10	1	1		4	1	10	
Rome	26,341	7								
Saratoga Springs	13,181	7	2							1
Schenectady	88,723	14	6				6		2	
Syracuse	171,717	36	24	1	2		19	1	3	
Troy	72,013	15	1						2	1
White Plains	21,031	4			1		1			1
Yonkers	100,226	13	2	1				8		
North Carolina:										
Charlotte	46,338	17		2				3		2
Durham	21,719	3	6				1			
Greensboro	19,861	6								
Raleigh	24,418	11	11				5		1	
Rocky Mount	12,742	8								1
Wilmington	33,372	12	2				1			1
Winston-Salem	48,325	11	2				4		4	2
North Dakota:										
Fargo	21,961						7			
Grand Forks	14,010		7							
Ohio:										
Akron	208,435	28	27		1		14		4	
Alliance	21,603	3								
Barberton	18,811	4	2							1
Bucyrus	10,425	1						2		
Canton	87,091	26	15	1			10		1	
Chillicothe	15,831	4	5				2			
Cincinnati	401,247	97	40	3	1		6		18	14
Cleveland	796,836	56			5		65			
Cleveland Heights	15,236	1						1		
Columbus	237,031	74	80	2			36	5	1	
Dayton	152,559	40	10				6		1	
East Cleveland	27,292	5								1
Findlay	17,021	2					1			
Fremont	12,468	3								
Hamilton	39,675	9	6	1			4		1	
Ironton	14,007	6	7	1			4			1
Kenmore	12,683						1			
Lancaster	14,706	4	6				1			
Lima	41,306	11	11	1						1
Lorain	37,245		5				10			
Mansfield	27,824	8								1
Marion	27,891		17				7		1	
Middletown	23,594	2		8						
Newark	26,718	5	15				7		1	
New Philadelphia	10,718		11							
Niles	13,080	2					1			1
Norwood	24,966	2								
Salem	10,305	4								
Sandusky	22,897	6					1			1
Springfield	60,840	14	92				2			2
Steubenville	28,508	9	5				1			
Toledo	243,109	62	47	3	1		6		1	6
Youngstown	132,358		4				9	1		3
Zanesville	29,569	6	10	1			1			
Oklahoma:										
Oklahoma City	91,258	21	8				10		2	
Tulsa	72,075		8				2			
Oregon:										
Portland	258,288	43	21	4	3		4		3	
Pennsylvania:										
Allentown	73,502		7				2			
Altoona	60,331		3							
Ambridge	12,730		2							
Berwick	12,181		2							
Bethlehem	50,358		8				2			
Braddock	20,879								1	
Bradford	15,525		1							

November 4, 1921.

CITY REPORTS FOR WEEK ENDED OCT. 15, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Pennsylvania—Continued.										
Butler	23,778						1			
Canonsburg	10,632		1					3		
Carnegie	11,516		1							
Carrick	10,564		2							
Chester	58,030							1		
Coatesville	14,515		1							
Connellsville	13,804		7							
Donora	14,131		2							
Duquesne	19,011		1					19		
Easton	33,813		1							
Erie	93,372		10							
Farrell	15,583		1					2		
Greensburg	15,033							5		
Hazleton	32,277							1		
Jeanette	10,627		2							
Johnstown	67,327		6					2		
Lancaster	53,150		10							
Lebanon	24,643		1							
McKeesport	45,975									
McKee's Rocks	16,713									
Mahanoy City	15,599		3							
Meadville	14,568							1		
Monessen	18,179							1		
Mount Carmel	17,469		1							
Nanticoke	22,614		2							
New Castle	44,938		2					11		
New Kensington	11,987		2					1		
Norristown	32,319		2							
North Braddock	14,928		3					2		
Oil City	21,274							3		
Philadelphia	1,823,158	396	55	5	2		70		61	35
Phoenixville	10,484		2							
Pittsburgh	588,193		31		3		21		5	
Pittston	18,497		1							
Plymouth	16,500		3							
Pottstown	17,431							3		
Pottsville	21,876		1							
Reading	107,784		7					3		
Scranton	137,783		5					1		
Shamokin	21,234		2					1		
Sharon	21,747		3					1		
Shenandoah	24,726		1							
Sunbury	15,721		1							
Uniontown	15,692		2					1		
Warren	14,236		4					2		
Wilke-Barre	73,833		14					1		
Wilkinsburg	24,403		2							
Williamsport	36,198		3					1		
Woodlawn	12,495		4					3		
York	47,512		7					1		
Rhode Island:										
Cranston	29,407	8	1					1		
Newport	30,255	4						3		
Pawtucket	64,248	22	3							
Providence	237,595	56	5					1		5
South Carolina:										
Charleston	67,957	26	3					4		2
Columbia	37,524		6		1			4		
South Dakota:										
Sioux Falls	25,176	4						2		1
Tennessee:										
Chattanooga	57,895		12					1		
Knoxville	77,818		6	1				5		1
Memphis	162,351		45	22	1			7		4
Nashville	118,342		38					5		1
Texas:										
Beaumont	40,422	9								1
Corpus Christi	10,522	2	1							
Dallas	158,976	40	5	1				5		4
El Paso	77,543	18	1					4		4
Fort Worth	106,482		4					1		
Galveston	44,255	11								1
Waco	38,500	14	2							1

CITY REPORTS FOR WEEK ENDED OCT. 15, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Utah:										
Salt Lake City.....	118,110	25	3	-----	3	-----	6	-----	-----	1
Vermont:										
Burlington.....	22,779	5	2	-----	1	-----	4	-----	-----	-----
Rutland.....	14,954	9	-----							
Virginia:										
Danville.....	21,539	10	4	-----	-----		1	-----	2	-----
Lynchburg.....	29,953	12	3	-----	-----		2	-----	1	-----
Norfolk.....	115,777	-----	6	-----	-----		1	-----	5	3
Petersburg.....	31,002	18	3	-----	-----		3	-----	3	4
Portsmouth.....	54,387	15	3	-----	-----		1	-----	2	2
Richmond.....	171,667	48	33	-----	-----		24	-----	14	2
Roanoke.....	50,842	9	26	1	-----		3	-----	1	2
Washington:										
Bellingham.....	25,570	-----	1	-----	-----		1	-----	-----	
Everett.....	27,644	-----	1	-----	-----					
Seattle.....	315,652	-----	6	-----	1	-----	4	-----	2	2
Spokane.....	104,437	-----	2	-----	-----		8	-----	4	2
Tacoma.....	96,965	-----	6	-----	-----		3	-----	2	2
Walla Walla.....	15,503	-----	5	-----	-----					
West Virginia:										
Bluefield.....	15,282	-----	7	-----	-----		6	-----	3	3
Charleston.....	39,608	22	11	-----	-----		3	-----	2	2
Fairmont.....	17,851	-----	1	-----	-----		4	-----	2	2
Huntington.....	50,177	19	15	2	-----					3
Martinsburg.....	12,515	-----	1	-----	-----		1	-----	1	1
Morgantown.....	12,127	-----	6	-----	-----		2	-----	1	1
Moundsville.....	10,669	4	-----				1	-----	1	1
Parkersburg.....	20,050	8	6	-----	-----		1	-----	1	1
Wheeling.....	54,322	17	16	1	1	-----	7	-----	2	2
Wisconsin:										
Appleton.....	19,561	-----	1	-----	-----		2	-----	1	1
Ashland.....	11,334	-----	-----				1	-----	1	1
Beloit.....	21,284	2	1	-----	-----		3	-----	1	1
Fond du Lac.....	23,427	4	3	-----	-----					
Green Bay.....	31,017	6	9	-----	-----					
Janesville.....	18,203	6	-----							
Kenosha.....	40,472	9	10	-----	-----		3	-----	1	1
La Crosse.....	30,363	-----	-----							
Madison.....	38,378	10	4	-----	-----		1	-----	1	1
Manitowoc.....	17,563	-----	-----							
Marinette.....	13,610	-----	1	-----	-----		3	-----	1	1
Milwaukee.....	457,147	-----	38	-----	2	-----	14	-----	23	23
Oshkosh.....	33,162	7	4	-----	-----		1	-----	1	1
Racine.....	58,593	10	10	-----	-----		25	1	2	2
Sheboygan.....	30,955	-----	13	-----	-----		2	-----	1	1
Superior.....	39,624	8	2	-----	-----		7	-----	3	3
Wausau.....	18,661	-----	-----							
Wyoming:										
Cheyenne.....	13,829	3	-----	-----	-----		1	-----	1	1

FOREIGN AND INSULAR.

SMALLPOX ON VESSEL.

Steamship "Craster Hall"—Barbados, British West Indies.

The American steamship *Craster Hall* arrived at quarantine, Mobile, Ala., October 8, 1921, from Buenos Aires, Rio de Janeiro, and Barbados, with a history of one case of smallpox en route in a member of the crew. The patient was removed from the vessel at Barbados, September 28.

AUSTRALIA.

Plague-Infected Rodents—Sydney.

The American steamship *Ventura* arrived at San Francisco, Calif., October 25, 1921, from Sydney, Australia, with consular bill of health dated Sydney, October 8, stating that 10 or 12 dead plague-infected rats had been found in Sydney—1 on a vessel from Brisbane and the remainder on the wharf at Sydney.

CUBA.

Communicable Diseases—Habana—Provinces.

Communicable diseases have been notified in Cuba as follows:

Habana.

Disease.	Oct. 1-10, 1921.		Remaining under treatment Oct. 10, 1921.	Disease.	Oct. 1-10, 1921.		Remaining under treatment Oct. 10, 1921.
	New cases.	Deaths.			New cases.	Deaths.	
Cerebrospinal meningitis.....	1		3	Leprosy.....	48		11
Chicken pox.....	1		2	Malaria.....			2 118
Diphtheria.....			2	Paratyphoid fever.....			1
Ictero grave.....	1		11	Smallpox.....			3 5
				Typhoid fever.....	9	2	4 30

¹ From the interior 1.

² From the interior 90.

³ From the interior 4.

⁴ From the interior 18; from abroad 2.

Provinces.

Province.	New cases reported, Oct. 1-10, 1921.						
	Cerebro-spinal meningitis.	Chicken pox.	Diphtheria.	Malaria.	Measles.	Smallpox.	Typhoid fever.
Camaguey.....			1	29	3	78	2
Habana.....	1	1	4	48	3		15
Matanzas.....			1				4
Oriente.....			1	105		50	3
Pinar del Rio.....			4	4			2
Santa Clara.....				1	1	3	15
Total.....	1	1	11	187	4	131	41

GERMANY.**Cholera—Königsberg, East Prussia.**

Information dated October 10, 1921, reports the occurrence of 3 cases of cholera with 1 death at Königsberg, East Prussia, Germany.

ITALY.**Plague—Catania.**

Information dated October 24, 1921, reports 1 death from plague occurring at Catania, Italy.

MEXICO.**Plague-Infected Rodents—Tampico.**

During the two-week period ended October 22, 1921, 17 plague-infected rodents were reported found at Tampico, Mexico. During the period January 1 to October 22, 1921, 283 plague-infected rodents were reported at that place.

Yellow Fever—Tuxpan and Vicinity.

Under date of October 15, 1921, several cases of yellow fever were reported at Tuxpan, Mexico, and vicinity.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.**Reports Received During Week Ended Nov. 4, 1921.¹****CHOLERA.**

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Shanghai.....	Sept. 18-24.....	7	1	
Germany:				
East Prussia— Königsberg.....	Oct. 10.....	3	1	
India:				
Bombay.....	Aug. 28-Sept. 3....	3	2	
Calcutta.....	Aug. 28-Sept. 10....	19	19	
Karachi.....	Sept. 4-17.....	40	32	
Rangoon.....	Sept. 4-10.....	3	3	
Siam:				
Bangkok.....	Aug. 14-27.....	1	.....

PLAQUE.

Algeria:				
Oran.....	Sept. 20-30.....	1	1	
Australia:				
Sydney.....	Oct. 8.....	.....	.....	Dead plague-infected rats found on wharf.
Brazil.....	.....	.....	.....	Epidemic plague reported at Pindobassu, 200 miles from the city of Bahia, Aug. 28-Sept. 3, 1921.
Egypt:				
Alexandria.....	Sept. 24-30.....	5	2	
Port Said.....	do.....	1	.....

¹ From medical officers of the Public Health Service, American consuls, and other sources.

November 4, 1921.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received During Week Ended Nov. 4, 1921—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India.....				Aug. 28—Sept. 3, 1921: Cases, 554; deaths, 395.
Bombay.....	Aug. 28—Sept. 3....	7	5	44 cases and 41 deaths in surrounding territory.
Karachi.....	Sept. 4—17.....		1	
Madras Presidency.....	Sept. 11—17.....	94	52	
Rangoon.....	Sept. 4—10.....	23	21	
Italy: Catania.....	Oct. 24.....		1	
Mexico: Tampico.....				Oct. 9—22, 1921: Plague-infected rats found, 17. Total, Jan. 1 to Oct. 22, 1921, 283.
Peru.....				Sept. 16—30, 1921: Cases, 24; deaths, 9.
Callao.....	Sept. 16—30.....	1	1	
Lima.....	Aug. 1—30.....		3	
Siam: Bangkok.....	Aug. 14—27.....	7	4	

SMALLPOX.

Brazil:				
Rio de Janeiro.....	Sept. 11—17.....	8	1	
Sao Paulo.....	Aug. 29—Sept. 4.....	1		
Canada:				
Manitoba—				
Winnipeg.....	Oct. 9—15.....		1	
New Brunswick—				
Charlotte.....	do.....	2		
Madawaska.....	do.....	1		
Ontario—				
Montreal.....	Oct. 9—22.....	2		
Saskatchewan—				
Moose Jaw.....	Oct. 9—15.....	1		
Saskatoon.....	Sept. 26—Oct. 17.....	12		
Cuba:				
Antilla.....	Oct. 9—15.....	2		At Preston.
Dominican Republic:				
Santo Domingo City.....	Oct. 6—13.....	12		A few cases in surrounding territory.
San Pedro de Macoris.....	Oct. 1—8.....	8	2	Estimated 500 cases in the District of Macoris, 50 of which are within city limits.
India:				
Bombay.....	Aug. 28—Sept. 3....	1	1	
Calcutta.....	Sept. 4—10.....	1	1	
Madras.....	Sept. 11—17.....	8	6	
Mexico:				
Chihuahua.....	Oct. 10—16.....		2	
San Luis Potosi.....	Oct. 9—15.....		1	
Portuguese East Africa:				
Lourenco Marques.....	Aug. 28—Sept. 10.....	7		
Tunis:				
Tunis.....	Sept. 21—30.....		1	
Straits Settlements:				
Singapore.....	Aug. 28—Sept. 3.....	7		
Union of South Africa:				
Cape Province.....	Aug. 21—27.....			Fresh outbreaks.
Johannesburg.....	Sept. 4—10.....	1		Do.
Natal.....	Aug. 21—27.....			Present.
Orange Free State.....	do.....			Do.
Transvaal.....	do.....			Do.
Switzerland:				
Basel.....	Sept. 25—Oct. 1.....	2		
On vessel:				
Steamship Craster Hall.....				Arrived Mobile, Ala., Oct. 8, 1921, from Buenos Aires, Rio de Janeiro, and Barbados. One case in crew removed at Barbados, Sept. 28, 1921.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.
Reports Received During Week Ended Nov. 4, 1921—Continued.
TYPHUS FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
Egypt:				
Alexandria.....	Sept. 24-30.....	5	1	
Guatemala:				
Guatemala City.....	Sept. 1-30.....		1	
Java:				
Surabaya.....	Aug. 21-27.....	1		
Union of South Africa:				
Cape Province.....	do.....			Fresh outbreaks. July 1-31 1921: Cases, 883; deaths, 123.
Johannesburg.....	Sept. 4-10.....			Outbreaks being dealt with in surrounding territory.
Natal.....	Aug. 21-27.....			Present.
Orange Free State.....	do.....			Do.

YELLOW FEVER.

Mexico:				
Tuxpam.....	Oct. 15.....			Several cases in Tuxpam and vicinity.
Peru:				
Libertad Department.....	July 16-31.....	1	.....	At Monteseco.

Reports Received from July 2 to Oct. 28, 1921.
CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy.....	July 3-Sept. 10.....	.....	15	
Hongkong.....	Aug. 22-28.....	37	8	Cases: Chinese, 34; foreign, 3. Deaths, Chinese, 5; foreign, 3.
Shanghai.....	Aug. 1-Sept. 17.....	54	9	Cases: Chinese, 18; foreign, 36.
Swatow.....	Aug. 14-20.....	1	1	
India:				
Bombay.....	May 1-June 18.....	11	10	Mar. 6-June 25, 1921: Deaths, 75,281. July 3-30, 1921: Deaths, 46,999.
Do.....	June 26-Aug. 27.....	71	43	
Calcutta.....	May 8-June 25.....	597	521	
Do.....	June 26-Aug. 27.....	144	124	
Karachi.....	July 10-Sept. 3.....	101	94	
Madras.....	May 15-June 25.....	3	2	
Do.....	June 26-Aug. 27.....	13	6	
Rangoon.....	Apr. 24-June 25.....	18	17	
Do.....	June 26-Aug. 27.....	18	11	
Indo-China:				
City—				
Cholon.....	June 6-12.....	5	4	Jan. 1-31, 1921: Cases, 80; deaths, 15. May 29-June 12, 1921: Cases, 251; deaths, 202.
Saigon.....	May 9-June 12.....	65	44	
Do.....	July 4-Aug. 27.....	103	94	Disseminated in neighboring Provinces.
Province—				
Annam.....	Jan. 1-31.....	42	.....	In January, 1920: No cases.
Cambodia.....	do.....	8	2	January, 1920: Cases, 27; deaths, 14.
Cochin-China.....	do.....	18	9	January, 1920: Cases, 13; deaths, 10.
Tonkin.....	do.....	12	4	January, 1920: No cases.
Philippine Islands:				
Manila.....	May 22-June 25.....	4	.....
Do.....	July 3-Sept. 3.....	31	2	
Province—				
Batangas.....	June 12-18.....	2	1	
Do.....	July 3-23.....	7	3	
Cavite.....	July 10-Aug. 6.....	2	1	
Cebu.....	June 26-July 2.....	1	.....
Laguna.....	June 19-25.....	1	.....
Do.....	July 3-6.....	1	1	
Mindoro.....	June 12-18.....	1	1	
Pampanga.....	June 5-11.....	1	1	
Tarlac.....	June 19-25.....	1	1	
Union.....	June 26-Aug. 13....	3	1	

November 4, 1921.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.
Reports Received from July 2 to Oct. 23, 1921—Continued.
CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Poland:				
Baranowicze.....	Aug. 18.....			Present.
Bialystok.....	July 25.....			Do.
Pinsk.....	do.....			Do.
Russia:				Jan. 1-Aug. 10, 1921: Cases, 78,011. City of Moscow, cases, 289.
Districts—				From Jan. 1 to July 13, 1921, 1,718 cases reported in Kuban Territory.
Astrakhan.....	Jan. 1-Aug. 10.....	5,132		
Black Sea.....	do.....	3,152		
Kazan.....	Jan. 1-July 13.....	434		
Kharkov.....	do.....	257		
Kursk.....	Jan. 1-Aug. 10.....	1,227		
Moscow.....	Jan. 1-July 13.....	296		
Orel.....	Jan. 1-Aug. 10.....	1,968		
Rjasan.....	Jan. 1-July 13.....	129		
Samara.....	Jan. 1-Aug. 10.....	5,315		
Saratov.....	do.....	7,201		
Simbirsk.....	do.....	1,160		
Tambow.....	do.....	2,561		
Tzaritzyn.....	do.....	3,028		
Ufa.....	do.....	5,196		
Voronezh.....	do.....	3,621		
Petrograd.....	July 6.....	6		
Republics—				
Basjkir.....	Jan. 1-Aug. 10.....	1,088		
Kirghiz.....	do.....	5,687		
Tartar.....	do.....	1,178		
Tchuvash.....	do.....	233		
Rostov-on-Don.....	June 1.....	747		
Territories—				
Azerbaijdjan.....	Jan. 1-Aug. 10.....	614		Present on Orenburg-Tashkent line, and at Cheljabinsk, Perm,
Don.....	do.....	2,006		Petrovavlosk, Ufa, and in Smolensk and Vitebsk districts during period under report.
Kirghizstan.....	do.....	5,583		
Ukraine.....	do.....			Very prevalent; reports incomplete.
Siberia.....	do.....	1,264		Far Eastern Republic.
Siam:				
Bangkok.....	Apr. 24-June 11.....	19	4	
Do.....	June 26-Aug. 6.....	4	1	
Straits Settlements:				
Singapore.....	June 12-18.....	1	1	

PLAQUE.

Algeria:				
Algiers.....	Aug. 1-31.....	1	1	
Aumale district.....	May 31-July 3.....	71	22	Native district about 140 kilo meters from Algiers.
Douar Meguine.....	May 31-Aug. 24.....	185	97	
Asia Minor:				
Smyrna.....	June 19-25.....	1		In suburbs.
Do.....	July 2-Sept. 3.....	4		
Azores:				
Horta Fayal.....	Sept. 4-10.....	1		
St. Michael Island—				
Capelas.....	Aug. 6-12.....	1	1	
Ribeira Grande.....	Aug. 6-Sept. 24.....	33	10	10 miles from port of Ponta Delgada.
Brazil:				
Bahia.....	May 15-June 18.....	3	2	
Do.....	July 31-Aug. 27.....	2	2	
Maranhao.....	June 28.....	1	1	
Pindobassu.....				
British East Africa:				
Kenya Colony—				
Kisumu.....	Apr. 24-May 21.....			Locality 200 miles west of Bahia; plague reported epidemic in August, 1921, with 60 deaths.
Do.....	June 26-Aug. 6.....			
Uganda.....	Mar. 1-June 30.....	133	101	Present.
Do.....				Do.
Cape Verde Islands:				Reports of native chiefs show 2,709 deaths during same period.
St. Vincent.....	Aug. 12-18.....	6	3	
Ceylon:				
Colombo.....	May 8-June 11.....	2	2	
Do.....	June 26-Aug. 27.....	5	5	7 cases rodent plague.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**Reports Received from July 2 to Oct. 28, 1921—Continued.****PLAQUE—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Chile:				
Iquique.....	Sept. 17.....	1		
China:				
Amoy.....	May 15-June 25.....	7	2	
Do.....	July 3-Sept. 10.....		42	
Poochow.....	May 15-21.....			Present.
Hongkong.....	Apr. 24-June 25.....	81	59	
Do.....	June 26-Aug. 20.....	38	27	May 1-7, 1921: Plague rats found.
Manchuria—				
Harbin.....	May 3-22.....	46		
Ecuador:				
Guayaquil.....	May 1-June 15.....	10	1	
Do.....	July 16-Sept. 15.....	4	2	Plague rats found: Aug. 1-31, 1921, 54.
Egypt:				
City—				
Alexandria.....	May 21-June 24.....	10	3	
Do.....	July 1-Sept. 23.....	42	9	
Port Said.....	June 16-27.....	4	2	
Do.....	July 1-Sept. 23.....	17	7	
Suez.....	May 20-June 30.....	9	5	
Do.....	July 1-18.....	5	3	
Province—				
Assiout.....	May 24-June 16.....	9	7	
Do.....	July 30.....	1		
Beni-Souef.....	July 10.....	1		
Gharbieh.....	June 2-25.....	7		
Do.....	July 9-Sept. 1.....	9		
Girgeh.....	July 6-13.....	5	4	
Minieh.....	May 28-June 10.....	2	1	
Do.....	July 13-Aug. 18.....	7	3	
Greece:				
Piraeus.....	Sept. 23.....	3		
Hawaii:				
Honokaa.....				Plague rat found, Sept. 8, 1921.
Kalopoa.....	July 15-19.....	1	1	
Pasauhau.....	May 21.....	1		
India:				
Bombay.....	May 1-June 25.....	287	204	May 1-June 25, 1921: Cases, 2,093; deaths, 1,624 June 26-Aug. 27, 1921: Cases, 3,016; deaths, 2,176.
Do.....	June 26-Aug. 27.....	55	39	Aug. 14-27, 1921: Surrounding territory. Cases, 161; deaths, 115.
Do.....				
Calcutta.....	May 8-June 18.....	11	11	
Do.....	July 24-Aug. 6.....	23	21	
Central Provinces	Aug. 14-20.....	27	16	
Karachi.....	May 8-June 25.....	18	14	
Do.....	June 26-Sept. 3.....	4	3	
Madras.....	Aug. 20-27.....	1	1	
Madras Presidency.....	May 22-June 25.....	112	72	
Do.....	June 26-Sept. 10.....	1,009	654	
Rangoon.....	Apr. 24-June 25.....	162	142	
Do.....	June 26-Sept. 3.....	423	364	
Indo-China:				Jan. 1-31, 1921: Cases, 57; deaths, 51.
Saigon.....	May 23-June 12.....	4	1	
Do.....	July 10-Aug. 27.....	16	11	Isolated cases in vicinity of Saigon.
Italy:				
Naples.....	Sept. 4.....	1		Worker in mill. Plague-infected rat found on premises.
Java:				
East Java—				
Surabaya.....	July 10-16.....	4	2	
Madagascar:				
Tananarive.....	June 20-July 24.....	49	46	Pneumonic.
Mauritius:				
Port Louis.....	Aug. 24.....			Present.
Mesopotamia:				
Bagdad.....	Apr. 1-May 31.....	32	35	
Do.....	July 1-31.....	1	1	
Mexico:				
Ciudad Victoria.....	June 7.....	1		In State of Tamaulipas: Case confirmed June 20, 1921.
Progreso.....				Plague rat reported found Sept. 10, 1921.
Tampico.....	June 11-30.....	36		
Do.....	July 1-Aug. 21.....	21	8	Infected rodents found July 1-Oct. 8, 1921, 154.

November 4, 1921.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.
Reports Received from July 2 to Oct. 28, 1921—Continued.
PLAQUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Morocco:				
Spanish Zone.....				Reported present in epidemic form Sept. 29, 1921.
Peru.....				Mar. 1-Apr. 30, 1921: Cases, 119; deaths, 64. June 1-30, 1921: Cases, 14; deaths, 10. July 1-15, 1921: Cases, 9; deaths, 3.
Department—				
Ancachs.....	Apr. 1-30.....	4	1	At Huarmey.
Arequipa.....	Mar. 1-Apr. 30.....	5	3	At Mollendo.
Do.....	July 1-15.....	2		Do.
Callao.....	Mar. 1-June 30.....	16	1	At Callao.
Do.....	July 1-31.....	5	2	Do.
Lambayeque.....	Mar. 1-Apr. 30.....	3	2	At Chiclayo.
Libertad.....	Mar. 1-June 15.....	31	15	In 5 localities.
Lima.....	Mar. 1-June 30.....	43	23	At Lima City: Cases, 28; deaths, 18.
Do.....	July 1-Sept. 15.....	4	2	At Lima City.
Piura.....	Mar. 1-June 15.....	31	29	In 4 localities.
Do.....	Sept. 1-15.....	19	15	Deaths occurred at Sechura.
Poland.....				In border Province, Aug. 9, 1921: Cases, 8.
Porto Rico.....				Total plague-infected rats found from beginning of outbreak to July 9, 1921: 90.
Caguas.....	Aug. 7-20.....	4	2	Sept. 4-24, 1921, two plague-infected rats found.
Fajardo.....				Aug. 28-Sept. 3, 1921: One plague rat found.
Manati.....	July 17-23.....	1	1	Suburb coextensive with San Juan.
Martin Pena.....	July 3-9.....	1		Plague rat on steamship San Luis, in San Juan harbor: Sept. 9, 1921.
San Juan.....				
Portugal:				
Lisbon.....	July 29-Sept. 3.....	7		
Portuguese West Africa:				
Angola—				
Loanda.....	Apr. 24-June 18.....	16		
Do.....	July 17-23.....		1	
Russia:				
Siberia—				
Vladivostok.....	Apr. 1-June 30.....		252	
Do.....	July 1-31.....		4	First case occurred Apr. 10, 1921.
Senegal:				
Dakar.....	May 1-June 30.....	54	47	
Do.....	July 1-Aug. 31.....	117	93	
Siam:				
Bangkok.....	Apr. 24-June 18.....	7	6	
Do.....	July 24-Aug. 13.....	7	7	
Straits Settlements:				
Singapore.....	May 8-June 18.....	5	5	
Do.....	June 26-Aug. 20.....	4	4	
Syria:				
Alexandretta.....	July 10-Aug. 6.....	18	4	
Beirut.....	May 31-June 30.....	2		
Do.....	July 1-Sept. 4.....	17		
Turkey:				
Constantinople.....	July 10-Sept. 24.....	6	2	
Union of South Africa.....				Jan.-Apr., 1921: Cases (white), 6; deaths, 4. Cases (native), 13; deaths, 6. Occurring in the Orange Free State.
On vessels:				
Steamship Kishenev.....	May 2.....	1		At Chefoo, China. Plague death en route. Vessel sent to quarantine, Kentucky Island, where to May 6 total of 16 deaths was reported. (Public Health Reports, July 1, 1921, p. 1534.)
Steamship Oreland.....				At Genoa, Italy, June 12, 1921; from La Plata, Argentina. Two fatal cases plague in crew en route.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**Reports Received from July 2 to Oct. 28, 1921—Continued.****PLAGUE—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
On vessels—Continued.				
Steamship Ralph Moller...	June 8.....	4	1	At Chefoo, China, from Vladivostok, Siberia. Three fatal cases en route. One case with fatal termination removed at Vladivostok.
Steamship San Luis.....	Sept. 9.....			In harbor, San Juan, Porto Rico, Sept. 9, 1921; 1 plague rat.
Steamship Tenyo Maru.....				En route between Nagasaki and Kobe, Japan, June 28, 1921, 1 fatal case.

SMALLPOX.

Algeria:				
Algiers.....	May 1-June 30.....	3		
Oran.....	Sept. 1-10.....	1		
Asia Minor:				
Smyrna.....	May 22-28.....	1		
Do.....	July 24-30.....	2		
Australia:				
Victoria—				
Geelong.....	May 5-16.....	2		Mild.
Do.....	July 12-29.....	2		
Melbourne.....	Apr. 9-23.....	4	1	Mild epidemic.
Do.....	July 17-23.....	1	1	Slight epidemic reported.
Bolivia:				
La Paz.....	Apr. 1-30.....	5	4	
Brazil:				
Pernambuco.....	Mar. 28-May 22.....	28	4	
Rio de Janeiro.....	May 8-June 18.....	11	2	
Do.....	June 26-Sept. 10.....	92	18	
Sao Paulo.....	May 23-June 26.....	7	2	
Do.....	June 27-Aug. 7.....	12	2	
British East Africa:				
Kenya Colony—				
Zanzibar.....	May 8-14.....	12	4	Origin, India.
Bulgaria:				
Sofia.....	May 15-31.....	6		
Canada:				
Alberta—				
Calgary.....	May 26-June 18.....	3		
British Columbia—				
Vancouver.....	May 28-June 25.....	8		
Manitoba—				
Winnipeg.....	do.....	6		
Do.....	June 26-Sept. 17.....	13		
New Brunswick—				
Charlotte County.....	July 10-Sept. 10.....	9		
Madawaska County.....	Aug. 7-Oct. 8.....	2		
Restigouche County.....	June 19-25.....	1		
Westmoreland County.....	June 26-July 2.....	2		
Nova Scotia—				
Sydney.....	June 5-18.....	2		
Do.....	June 26-July 2.....	4		
Ontario—				
Fort William and Port Arthur.....	Aug. 7-27.....	2		
Hamilton.....	June 12-18.....	3		
Do.....	July 3-9.....	1		
Kingston.....	June 5-11.....	1		
London.....	June 5-25.....	2		
Montreal.....	June 12-18.....	1		
Do.....	July 17-23.....	1		
North Bay.....	June 11-25.....	3		
Do.....	June 26-July 9.....	2		
Ottawa.....	June 12-25.....	21		
Do.....	June 26-Aug. 13.....	35		
Toronto.....	Aug. 28-Sept. 24.....	3		
Saskatchewan—				
Moose Jaw.....	Sept. 4-Oct. 1.....	2		

At 2 localities in vicinity, 2 cases.

November 4, 1921.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Oct. 28, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Chile:				
Antofagasta.....	May 16-June 19...	228	106	
Arica.....	May 31.....	2	.....
Mejillones.....	May 30-June 5.....	.....	.....
Valparaiso.....	June 26-Sept. 10.....	.....	25	Present. Also at interior nitrate plants.
China:				
Amoy.....	May 8-June 4.....	.....	4	
Do.....	June 26-Sept. 3.....	.....	2	
Antung.....	May 16-June 26.....	12	2	
Canton.....	Apr. 1-30.....	.....	.....	Present.
Chungking.....	May 1-June 25.....	.....	.....
Do.....	June 26-Aug. 20.....	.....	.....
Foochow.....	May 8-June 25.....	.....	.....
Do.....	June 26-Aug. 27.....	.....	.....
Hankow.....	May 15-21.....	4	1	
Do.....	July 10-16.....	1	.....
Hongkong.....	Apr. 24-June 25.....	99	84	
Do.....	July 24-Aug. 20.....	3	1	
Manchuria—				
Dairen.....	May 9-June 26.....	44	5	
Do.....	June 27-Aug. 14.....	8	3	
Harbin.....	May 16-June 13.....	5	.....
Do.....	June 27-July 10.....	2	.....
Mukden.....	May 22-June 11.....	.....	.....
Do.....	July 3-Aug. 20.....	.....	.....
Nanking.....	May 8-June 25.....	.....	.....
Do.....	June 26-Aug. 27.....	.....	.....
Shanghai.....	June 20-29.....	1	.....
Do.....	July 3-Sept. 17.....	5	1	
Tientsin.....	May 8-June 25.....	31	.....
Do.....	June 26-Aug. 20.....	9	1	
Tsingtao.....	May 9-June 12.....	4	1	
Do.....	July 25-31.....	1	.....
Chosen (Korea):				
Chemulpo.....	May 1-June 30.....	11	3	
Fusan.....	do.....	12	3	
Gensan.....	do.....	5	2	
Seoul.....	do.....	3	.....
Colombia:				
Santa Marta.....	June 5-25.....	.....	.....
Do.....	June 26-Aug. 27.....	.....	.....	Present. Do.
Cuba:				
Antilla.....	June 5-25.....	7	.....
Do.....	June 26-Oct. 1.....	71	.....
Cienfuegos.....	June 26-Sept. 3.....	3	.....
Matanzas.....	June 12-18.....	1	1	
Do.....	July 3-31.....	4	2	
Nuevitas.....	July 4-Sept. 25.....	15	.....	6 of those reported found in vicinity.
Preston.....	Oct. 2-8.....	2	.....
Santiago.....	June 1-30.....	28	2	
Do.....	July 1-Sept. 30.....	47	1	
Dominican Republic:				
La Ramona.....	Aug. 25.....	.....	.....	In eastern Provinces, Aug. 25, 1921, 2,000 cases, estimated.
San Pedro de Macoris.....	Aug. 19-25.....	40	2	Cases numerous.
Santo Domingo:				On sugar estates in same Province, about 400 cases.
Ecuador:				In surrounding country.
Eloy Alfaro.....	Aug. 1-15.....	1	.....
Guayaquil.....	May 1-June 30.....	31	.....
Do.....	July 1-Sept. 15.....	21	1	
Egypt:				
Cairo.....	Mar. 19-Apr. 29.....	2	1	
Port Said.....	Apr. 2-May 20.....	10	.....
Finland.....	May 1-15.....	1	.....
France:				
Brest.....	May 22-June 4.....	18	.....
Cherbourg.....	Aug. 1-31.....	1	.....
Paris.....	July 22-31.....	2	1	
Rouen.....	May 1-29.....	2	.....
Germany:				
				Apr. 24-May 28, 1921: Cases, 12. Additional, Apr. 17-May 7, 1921: Cases, 57; deaths, 7.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.
Reports Received from July 2 to Oct. 28, 1921—Continued.
SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Great Britain:				
Nottingham.....	May 29-June 4.....	1		
Do.....	July 3-Sept. 24.....	56		
Queenstown.....	July 3-9.....	1		
Southampton.....	June 26-July 2.....	1		
Greece:				
Saloniki.....	June 6-12.....		1	
Haiti:				
Cape Haitien.....	June 19-25.....	24	2	
Do.....	June 26-Oct. 1.....	198	18	
Port au Prince.....	Sept. 11-17.....			
India:				
Bombay.....	May 1-June 25.....	81	50	
Do.....	June 26-Aug. 27.....	60	41	
Calcutta.....	May 8-June 25.....	8	8	
Do.....	June 26-Aug. 20.....	5	6	
Karachi.....	May 29-June 25.....	25	17	
Do.....	June 26-July 30.....	8	2	
Madras.....	May 8-June 25.....	33	11	
Do.....	June 26-Sept. 10.....	49	28	
Rangoon.....	Apr. 24-June 4.....	20	3	
Do.....	July 10-Aug. 13.....	4	1	
Indo-China:				
City—				
Saigon.....	May 9-15.....	2	1	
Do.....	Aug. 21-27.....	1	1	
Province—				
Anam.....	Jan. 1-31.....	35		January, 1920: Cases, 16; deaths, 3.
Cambodia.....	do.....	21	3	January, 1920: Cases, 139; deaths, 51.
Cochin China.....	do.....	19	12	January, 1920: Cases, 8; deaths, 1.
Tonquin.....	do.....	27		January, 1920: Cases, 223; deaths, 43.
Italy:				
Catania.....				
Do.....	July 18-Aug. 14.....			
Genoa.....	Apr. 1-May 31.....	11		
Do.....	July 4-10.....	2		
Messina.....	May 23-June 26.....	2	1	
Do.....	July 11-17.....	1		
Palermo.....	May 18-June 21.....	7	1	
Milan.....	Apr. 1-30.....	2		
Do.....	June 29-July 19.....	3		
Japan:				
Kobe.....	May 24-June 26.....	3		
Nagasaki.....	May 23-June 26.....	6	1	
Taiwan Island.....	July 1-10.....	1		
Java:				
East Java—				
Surabaya.....	June 18-25.....	2		
Do.....	July 10-Aug. 20.....	10	1	
West Java—				
Bandoeng.....	May 27-June 3.....	1		
Do.....	July 8-21.....	1		
Batavia.....	May 6-June 23.....	17	15	
Do.....	July 1-Sept. 1.....	106	40	
Buitenzorg.....	Apr. 29-June 23.....	16		
Do.....	July 22-Aug. 4.....	2	1	
Garoet.....	May 6-12.....	1		
Do.....	July 8-Aug. 4.....	4		
Krawang.....	Apr. 29-June 30.....	33	5	
Do.....	July 22-Aug. 4.....	14	1	
Lebak.....	Apr. 29-May 26.....	12	2	
Pandeglang.....	June 3-30.....	2	1	
Do.....	July 8-14.....	1		
Jugoslavia.....				Mar. 14-May 13, 1921: Cases, 334; deaths, 83; June 27-July 10, 1921: Cases, 111; deaths, 72.
Mesopotamia:				
Bagdad.....	Apr. 1-May 31.....	3	1	

November 4, 1921.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.
Reports Received from July 2 to Oct. 28, 1921—Continued.
SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Mexico:				
Chihuahua	May 23-June 27	3		
Do.	Oct. 3-9	2		
Guadalajara	June 1-30	3		
Do.	July 1-Sept. 30	13	3	
Mexico City	May 15-June 25	246		Including municipalities in Federal District.
Do.	June 26-Sept. 3	204		Do.
San Luis Potosi	July 17-Aug. 6		2	
Tampico	July 11-20	1		
Torreón	Sept. 1-30	2		
Vera Cruz	June 13-19		1	
Do.	July 11-Sept. 11		3	
Newfoundland:				
Tilson	Aug. 20-26	3		
Panama:				Jan. 1-Sept. 19, 1921: Cases, 205, of which 33 were nonresidents.
Canal Zone	Apr. 1-May 31	2		
Colon	Jan. 1-May 31	111		
Do.	Aug. 30	1		From the interior.
Panama	Feb. 1-June 30	54		Sept. 4-19; 1 from interior.
Do.	July 1-Sept. 19	4		
Poland:				Mar. 1-Apr. 30, 1921: Cases, 1,117; deaths, 142.
District—				
Bialystok	Mar. 1-Apr. 30	3		
Cracovia	do	56	6	
Kielce	do	190	26	
Leopol.	do	52	16	
Lodz.	do	72	9	
Lublin	do	397	30	
Posen	do	26	2	
Silesia	do	10		In Teschen.
Stanislawow	do	30	5	
Tarnopol	do	155	31	
Warsaw	do	36	4	
Warsaw City	do	90	13	
Portugal:				
Lisbon	May 15-June 25	34		
Do.	June 26-Sept. 17	33	3	
Oporto	June 19-25	1		
Do.	Sept. 11-17	1		
Portuguese East Africa:				
Lourenco Marques	May 8-28	8		
Do.	July 10-Aug. 13	7	4	
Rumania:				
District—				
Hothin	Apr. 1-30	40	9	
Orthei	Mar. 1-31	2		
Russia:				
Province—				
Estonia	Apr. 1-June 30	9		
Do.	July 1-Aug. 30	55		
Latvia	Apr. 1-May 31	41		
Do.	July 1-31	12		
Siberia—				
Vladivostok	June 1-30	1		
Serbia:				Mar. 24-May 21: Cases, 205; deaths, 41.
Belgrade	Aug. 7-20	2	1	
Senegal:				
Dakar	May 1-31	1	1	
Spain:				
Barcelona	May 12-June 22	13		
Do.	July 7-Sept. 28		10	
Huelva	July 1-31		2	
Madrid	June 1-30	2		
Do.	Aug. 1-31		1	
Malaga	May 1-June 30	57		
Do.	July 1-Aug. 31	57		
Tarragona	May 9-15		1	
Valencia	May 22-28	1		
Do.	July 2-Aug. 20	9	2	
Straits Settlements:				
Singapore	June 12-18	1		
Do.	July 10-Aug. 27	7	3	
Switzerland:				
Basel	Sept. 11-17	3		
Zurich	May 28-June 11	10		
Do.	July 3-Sept. 2	4		

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.
Reports Received from July 2 to Oct. 28, 1921—Continued.
SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Syria:				
Aleppo.....	Apr. 9-16.....			
Beirut.....	May 10-30.....	1	1	Present.
Do.....	Aug. 8-14.....	1	1	
Tunis:				
Tunis.....	May 33-June 17.....	2	3	
Do.....	July 2-Sept. 23.....	14	10	
Turkey:				
Constantinople.....	June 12-25.....	5	.....
Do.....	June 26-Sept. 24.....	9	.....
Union of South Africa.....				January - April, 1921: Cases (white), 18; deaths, 1. Cases (native), 192; deaths, 5. May 1-31, 1921: Cases, 65; deaths, 3, all natives. June 1-30, 1921: Cases, 64, of which 1 white. July 1-31, 1921: Natives—Cases, 129; deaths, 2. White—1 case. Aug. 24-Sept. 3, outbreaks in Cape Province, Orange Free State, and Transvaal.
Cape Province.....	Apr. 21-June 25.....			Outbreaks.
Do.....	July 1-31.....	118	.....
Natal.....	Apr. 24-June 25.....			Do.
Do.....	July 1-31.....	1	.....	Do.
Durban.....	Aug. 7-27.....	3	.....	Stated to have been imported.
Orange Free State.....	May 29-June 25.....			Outbreaks.
Southern Rhodesia.....	July 14-Aug. 31.....	52	19	
Transvaal.....	May 22-June 18.....			Do.
Do.....	July 1-31.....	11	.....
Johannesburg.....	do.....	2	.....
Do.....	Sept. 1-7.....	31	11	District.
On vessel:				
Steamship Niagara.....	June 1.....	1	.....	At Sydney, Australia, from Vancouver via Fiji and New Zealand.

TYPHUS FEVER.

Algeria:				
Algiers.....	May 1-June 30.....	109	25	
Do.....	July 1-Aug. 31.....	22	7	
Oran.....	May 22-June 30.....	35	28	
Do.....	July 1-Sept. 10.....	15	13	In district.
Asia Minor:				
Smyrna.....	June 12-18.....	1	.....
Do.....	Aug. 28-Sept. 3.....	1	.....
Bolivia:				
La Paz.....	Apr. 1-June 30.....	50	51	
Do.....	July 1-31.....	19	3	
Brazil:				
Bahia.....	June 19-25.....	1	1	
Do.....	Aug. 7-13.....	1	1	
Porto Alegre.....	June 19-25.....		3*	
Do.....	Aug. 7-13.....		1	
Canary Islands:				
Teneriffe.....	Aug. 14-Sept. 10.....		2	
Chile:				
Concepcion.....	Apr. 12-June 20.....		8	July 25-Aug. 29, 1921: In hospital, 30 cases; in city, estimated, 100 cases.
Do.....	July 12-Sept. 5.....		14	
Los Angeles.....	July 26-Aug. 8.....			Prevalent.
Valparaiso.....	Mar. 27-May 28.....		4	
Do.....	June 26-Sept. 10.....		3	
China:				
Antung.....	May 30-June 5.....	1	.....
Do.....	June 27-Sept. 11.....	10	.....
Hankow.....	May 22-June 11.....	3	.....
Manchuria—				
Harbin.....	May 23-29.....	1	.....
Do.....	July 4-10.....	1	.....

November 4, 1921.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.
Reports Received from July 2 to Oct. 28, 1921—Continued.
TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Chosen (Korea):				
Chemulpo.....	June 1-30.....	2	.....
Fusan.....	May 1-31.....	1	.....
Gensan.....	May 1-June 30.....	4	.....
Seoul.....	May 1-31.....	1	.....
Cuba:				
Matanzas.....	Oct. 4-10.....	1	.....
Czechoslovakia:				
Prague.....	June 5-26.....	5	2	
Egypt:				
Alexandria.....	May 21-June 23.....	21	8	
Do.....	June 24-Sept. 23.....	42	17	
Cairo.....	Mar. 19-June 24.....	235	102	
Do.....	June 24-Aug. 5.....	58	32	
Port Said.....	Apr. 2-May 13.....	8	2	
Finland.....	May 1-15.....	5	.....
Germany:				
Hamburg.....	May 27-June 4.....	1	.....
Great Britain:				
Dublin.....	May 29-June 4.....	1	.....
Greece:				
Saloniki.....	May 23-June 26.....	21	6	
Do.....	June 27-Aug. 14.....	1	2	
Guatemala:				
Guatemala City.....	July 1-31.....	1	.....
Hungary.....				
Italy:				
Messina (Province).....	Aug. 29-Sept. 4.....	2	.....
Japan:				
Nagasaki.....	May 23-June 5.....	7	2	
Java:				
West Java— Batavia.....	Aug. 4-25.....	29	3	
Jugoslavia:				
Belgrade.....	May 1-14.....	6	.....
Zagreb.....	June 19-25.....	3	.....
Do.....	July 10-Sept. 3.....	37	4	
Mesopotamia:				
Bagdad.....	May 1-31.....	1	3	
Mexico:				
Mexico City.....	May 15-June 25.....	102	.....
Do.....	June 26-Sept. 3.....	148	.....
Saltillo.....	Oct. 2-8.....	.....	1	
San Luis Potosi.....	July 31-Aug. 6.....	.....	.....
Morocco:				
Spanish Zone.....				
Poland:				
District—				
Bialystok.....	Mar. 1-Apr. 30.....	853	45	
Cracovia.....	do.....	603	90	
Kielce.....	do.....	848	62	
Leopol.....	do.....	2,508	277	
Lodz.....	do.....	521	53	
Lublin.....	do.....	1,446	83	
Posen.....	do.....	77	5	
Silesia.....	do.....	26	.....
Stanislawow.....	do.....	1,557	232	
Tarnopol.....	do.....	1,855	194	
Warsaw.....	do.....	972	61	
Warsaw city.....	do.....	223	29	
Portugal:				
Oporto.....	July 12-Aug. 20.....	2	.....
Rumania:				
District—				
Hotin.....	Apr. 1-30.....	107	10	
Kishinev.....	Apr. 1-June 30.....	89	.....
Do.....	July 1-31.....	11	.....
Orhei.....	Mar. 1-May 30.....	146	.....
Russia:				
Province—				
Estonia.....	Apr. 1-June 30.....	113	.....
Do.....	July 1-Aug. 31.....	56	.....
Latvia.....	Apr. 1-June 30.....	599	.....
Do.....	July 1-31.....	52	.....

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**Reports Received from July 2 to Oct. 28, 1921—Continued.****TYPHUS FEVER—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Province—Continued.				
Siberia				
Vladivostok	Mar. 1-June 30	5	3	
Do.	July 1-31	4	3	
Serbia				Mar. 24-May 21, 1921: Cases, 70; deaths, 7.
Spain:				
Madrid	May 1-June 30		3	
Do.	July 1-31		2	
Syria:				
Beirut	May 20-June 10	1	1	
Tunis:				
Tunis	June 11-17		3	
Do.	July 30-Sept. 9		2	
Turkey:				
Constantinople	May 22-June 18	11		
Do.	June 26-Sept. 24	43	2	
Union of South Africa				January-April, 1921: Cases (white), 34; deaths, 2. Cases (native), 3,376; deaths, 437. June 1-30, 1921: Cases, 738; deaths, 66. July 1-31, 1921: Natives—cases, 868; deaths, 121. Whites—cases, 15; deaths, 2. Orange Free State and Natal: Cases, 25; deaths, 10. Apr. 24-June 25, 1921: Outbreaks, May 1-31, 1921: Cases, 542; deaths, 51. July 1-31, 1921: Cases, 858; deaths, 113.
Cape Province				
Capetown	May 13-19	10	3	
East London	May 22-June 18		1	
Do.	Aug. 21-27	1		
Port Elizabeth	Aug. 7-20	7		
Natal	July 10-23			
Orange Free State				Outbreaks.
Do.	July 10-Sept. 3			Apr. 21-May 28, 1921: Outbreaks. Outbreaks.
Venezuela:				
Maracaibo	June 21-27		1	
On vessel:				
Steamship Norden	Aug. 18	1		At Marcus Hook Quarantine, Pa., from Tampico, Mexico, via Nuevitas, Cuba.

YELLOW FEVER.

British Honduras:				
Belize	Aug. 22-Oct. 1	17	6	
Mexico:				
Alamo	June 1-30	10		State of Vera Cruz.
Do.	July 19	4	1	
Barra de Penn, Mexico	July 17-23	1	1	Do.
Casamaloapam	do	3	1	Do.
El Dorado	Oct. 7			Present. Sept. 25-Oct. 1, 1921; deaths, 40. Oct. 2, deaths, 5. June 1-Sept. 30, 1921: Cases, 19; deaths, 10.
Manzanillo				Present.
Do.	Oct. 7			Do.
Mazatlan	do			Territory of Quintana Roo.
Playa Obispo	Aug. 23	1		State of Tamaulipas.
Tampico	July 11-17	3	2	Case arrived at Vera Cruz on steamship Monterey from Progreso, Mexico.
Tierra Blanca	Sept. 19	1		Present.
Tlacotalpan	Sept. 25			State of Vera Cruz.
Tuxpan	July 25	1	1	
Do.	Oct. 14	1		
Vera Cruz	June 13-27	7		Do.
Do.	July 25-Sept. 25	6	4	Do.
Zapotlal	July 14	1	1	Do.

November 4, 1921.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**Reports Received from July 2 to Oct. 28, 1921—Continued.****YELLOW FEVER—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Peru.....				Mar. 1-Apr. 30, 1921: Cases, 172; deaths, 57. June 1-30, 1921: Cases, 25; deaths, 13. July 1-15, 1921: Cases, 2.
Department—				
Callao—				At quarantine station. From Chiclayo.
Callao.....	Apr. 1-30.....	1		
Lambayeque—				
Chiclayo.....	Mar. 1-June 15.....	47	18	
Chongollape.....	Mar. 1-Apr. 30.....	12	3	
Ferrenafe.....	Mar. 1-31.....		1	
Jayanca.....	Apr. 1-30.....	5	2	
Lambayeque.....	Mar. 1-Apr. 30.....	20	7	
Monselú.....	Mar. 1-June 15.....	20	9	
Motupe.....	Mar. 1-Apr. 30.....	46	12	
Olmos.....	Apr. 1-30.....	2	4	
Pacora.....	June 1-15.....	1		
Pomaica.....	Mar. 1-31.....	5	1	
Villa Eten.....	Mar. 1-Apr. 30.....	7	1	
Zana.....	Apr. 1-30.....	1		
Libertad—				On farm.
Casa Grande.....	June 1-15.....	1		
Guadalupe.....	Apr. 1-30.....	2		
Pacanga.....	June 1-30.....	2	2	
Pacasmayo.....	July 1-15.....	1		
Paján.....	June 1-30.....	13	7	
Do.....	July 1-15.....	1		
Pueblo Nuevo.....	Apr. 1-30.....	1	1	
Trujillo.....	Apr. 1-June 15.....	2	2	Country.
On vessels:				
Barge J. S. McGaughy.....	Oct. 6.....	1		At quarantine station, Pensacola, Fla., from Tampico, Mexico, Sept. 30.
Steamship Lurline.....	Aug. 13-27.....	2	1	At Mazatlan, Mexico, from Manzanillo, Mexico (Public Health Reports, Sept. 16, 1921, p. 2292).
Steamship Monterey.....	Sept. 18.....	1		At Vera Cruz from Progreso, Mexico, Sept. 15, 1921. Patient went to Tierra Blanca.
Steamship Washington.....	Aug. 29.....	1		At Mazatlan, Mexico.